



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

*Mar 23/02*

सं० 12]

नई दिल्ली, शनिवार, मार्च 23, 2002 (चैत्र 2, 1924)

No. 12]

NEW DELHI, SATURDAY, MARCH 23, 2002 (CHAITRA 2, 1924)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

### भाग III—खण्ड 2

#### [PART III—SECTION 2]

[पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस]

[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

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PATENTS AND DESIGNS

Kolkata, the 23rd March 2002

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The States of Andhra Pradesh,  
Karnataka, Kerala, Tamilnadu and Pondicherry and the Union Territories of Laccadive, Minicoy and Aminidivi Islands.

Telegraphic address "PATENTOFIC"  
 Phone No. (044) 431 4324/4325/4326  
 Fax No. (044) 431 4750/4751.

Patent Office (Head Office),  
 Nizam Palace 2nd M.S.O Building,  
 5th, 6th & 7th Floor,  
 234/4, Acharya Jagadish Bose Road,  
 KOLKATA-700 020

Rest of India.

Telegraphic address "PATENTS"  
 Phone No. (033) 247 4401, 247 4402, 247 4403.  
 Fax No. (033) 247 3851, (033) 240 1353

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पेटेंट कार्यालय  
 एकास्त शाखा अधिकार्य

बंगलुरु, दिनांक 23 मार्च 2002

पेटेंट कार्यालय के कार्यालय के पांते एवं क्षेत्राधिकार

पेटेंट कार्यालय का ग्राहन कार्यालय कोलकाता में अवस्थित है तथा  
 मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक  
 क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं:-

पेटेंट कार्यालय शाखा,  
 टोडी इन्स्टेट, लीसरा तल,  
 मन भिल ब्लॉक 11,  
 लोअर परेल (लेस्ट),  
 मुम्बई - 400 013।

गुजरात, महाराष्ट्र, मध्य प्रदेश,  
 गोआ तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ  
 शासित क्षेत्र, दमन तथा दीव,  
 दादरा और नगर हवेली।

तार पता - "पेटेंटफिस"  
 फोन - (022) 492 4058, 496 1370, 490 3684.  
 फैक्स - (022) 490 3852.

पेटेंट कार्यालय शाखा,  
 डल्लू-5, वेस्ट पटेल नगर,  
 नई दिल्ली - 110 008।

हरियाणा, हिमाचल प्रदेश, जम्मू  
 तथा कश्मीर, पंजाब, गजस्थान,  
 उत्तर प्रदेश, दिल्ली तथा उत्तराखण्ड राज्य  
 क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़।

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 587 1258, 587 7245  
 फैक्स - (011) 587 6209, 587 2532.

पेटेंट कार्यालय शाखा,  
 गुना कम्प्लेक्स, छठा तल, एनेक्स-II,  
 443, अन्नासलाई, तेनामपेट,  
 चेन्नई - 600 018।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु  
 तथा पाण्डुचेरी राज्य क्षेत्र एवं संघ  
 शासित क्षेत्र, लक्ष्मीपुर, मिनिकाय तथा  
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 फोन - (044) 431 4324/4325/4326.  
 फैक्स - (044) 431 4750/4751.

पेटेंट कार्यालय (प्रधान कार्यालय),  
 निजाम फैलेस, द्वितीय बहुतलीय कार्यालय  
 भवन, 5ओ, 6टा व 7बां तल,  
 234/4, आचार्य जगदीश बोस मार्ग,  
 कोलकाता - 700 020।

भारत का अधिकार क्षेत्र।

तार पता - "पेटेंट्स"  
 फोन - (033) 247 4401, 247 4402, 247 4403  
 फैक्स - (033) 247 3851, (033) 240 1353.

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 1999  
 अथवा पेटेंट (संशोधन) नियम, 1972 द्वारा अपेक्षित सभी आवेदन,  
 सूचनाएं, विवरण या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के  
 केवल समूचित कार्यालय में ही ग्रहण किए जाएंगे।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां  
 उपयुक्त कार्यालय अवस्थित हैं, उस स्थान के अनुसूचित बैंक से  
 नियंत्रक द्वारा भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा  
 सकती है।

## THE PATENT OFFICE, CALCUTTA

National Phase Application Filed under PCT Chapter-I/II For The Month Of June 2001

**National Phase Application No.** IN/PCT/2001/00584

**Date of Receipt** Friday, June 01, 2001

**PCT Application No.** PCT/EP99/09741

**PCT Filing Date** Friday, November 12, 1999

**Applicant(s)** FLZ

FASERI OGISTIKZEN FRUM

GMBH,

**Title** GRANULATE AND METHOD AND DEVICE FOR  
THE PRODUCTION THEREOF

**Priority No.** 198 54 015.9

**Priority Date** Thursday, November 12, 1998

**National Phase Application No** IN/PCT/2001/00585

**Date of Receipt** Friday, June 01, 2001

**PCT Application No** PCT/IL99/00624

**PCT Filing Date** Friday, November 19, 1999

**Applicant(s)** PROJECTS LTD.

**Title** A REACTOR AND PROCESS FOR BIOLOGICALLY  
TREATING SEWAGE

**Priority No** 127174

**Priority Date** Friday, November 20, 1998

**National Phase Application No** IN/PCT/2001/00586

**Date of Receipt** Friday, June 01, 2001

**PCT Application No** PCT/EP00/10314

**PCT Filing Date** Thursday, October 19, 2000

**Applicant(s)** PETER SIEGFRIED

**Title** METHOD OF THE REESTERIFICATION OF FAT AND/OR  
OIL OF BIOLOGICAL ORIGIN BY MENAS OF ALGHOYSIS

**Priority No** 199 50 593.4

**Priority Date** Wednesday, October 20, 1999

**National Phase Application No** IN/PCT/2001/00587

**Date of Receipt** Friday, June 01, 2001

**PCT Application No** PCT/EP99/09270

**PCT Filing Date** Monday, November 29, 1999

**Applicant(s)** SIEMENS AG.

**Title** CONDUCTOR ARRANGEMENT HAVING A NUMBER OF  
ELECTRICAL CONDUCTORS FOR CARRYING POWER TO,  
AND AWAY FROM, A WINDING ARRANGEMENT

**Priority No** 98122902.4

**Priority Date** Wednesday, December 02,

<b>National Phase Application No</b>	IN/PCT/2001/00588
<b>Date of Receipt</b>	Monday, June 04, 2001
<b>PCT Application No</b>	PCT/US99/29373
<b>PCT Filing Date</b>	Friday, December 10, 1999
<b>Applicant(s)</b>	PHARAMSOUTIONS INC,
<b>Title</b>	SELF-EMULSIFYING COMPOSITINS FOR DRUGS POORLY SOLUBLE IN WATER
<b>Priority No</b>	60/111,951
<b>Priority Date</b>	Friday, December 11, 1998
 <b>National Phase Application No</b>	 IN/PCT/2001/00589
<b>Date of Receipt</b>	Monday, June 04, 2001
<b>PCT Application No</b>	PCT/EP99/09946
<b>PCT Filing Date</b>	Wednesday, December 15,
<b>Applicant(s)</b>	W,SCHLAFHORST AG& CO.
<b>Title</b>	YARN GUIDE FOR THE TRAVERSING DELIVERY OF A YARN TO A ROTATIONALLY TAKEUP BOBBIN
<b>Priority No</b>	198 58 548.9
<b>Priority Date</b>	Friday, December 18, 1998
 <b>National Phase Application No</b>	 IN/PCT/2001/00590
<b>Date of Receipt</b>	Friday, April 06, 2001
<b>PCT Application No</b>	PCT/US99/29775
<b>PCT Filing Date</b>	Wednesday, December 15,
<b>Applicant(s)</b>	THOMSON LICENSING S.A.
<b>Title</b>	SYSTEM AND METHOD FOR CUSTOMIZING PROGRAM GUIDE INFORMATION TO INCLUDE REMINDER ITEM OR LOCAL IDENTIFIER
 <b>Priority No</b>	 09/221,412
<b>Priority Date</b>	Monday, December 28, 1998

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<b>National Phase Application No</b>	IN/PCT/2001/00591
<b>Date of Receipt</b>	Monday, June 04, 2001
<b>PCT Application No</b>	PCT/CA99/01034
<b>PCT Filing Date</b>	Wednesday, November 03,
<b>Applicant(s)</b>	KREPINSKY JIRI J,
<b>Title</b>	SCREENING TEST FOR EARLY DETECTION OF COLORECTAL
<b>Priority No</b>	09/270,103
<b>Priority Date</b>	Friday, November 06, 1998

<b>National Phase Application No</b>	IN/PCT/2001/00592
<b>Date of Receipt</b>	Monday, June 04, 2001
<b>PCT Application No</b>	PCT/CA99/00397
<b>PCT Filing Date</b>	Friday, April 30, 1999
<b>Applicant(s)</b>	MIVI TECHNOLOGIES INC,
<b>Title</b>	EXPANDABLE STENT AND METHOD FOR MANUFACTURING SAME
<b>Priority No</b>	09/188,114
<b>Priority Date</b>	Monday, November 09, 1998

<b>National Phase Application No</b>	IN/PCT/2001/00593
<b>Date of Receipt</b>	Wednesday, June 06, 2001
<b>PCT Application No</b>	PCT/US99/28599
<b>PCT Filing Date</b>	Thursday, December 02, 1999
<b>Applicant(s)</b>	HERITAGE TECHNOLOGIES,LLC
<b>Title</b>	VITAMIN COMPATIBLE MICRONUTRIENT SUPPLEMENT
<b>Priority No</b>	60/110,800
<b>Priority Date</b>	Wednesday, December 01,

<b>National Phase Application No</b>	IN/PCT/2001/00594
<b>Date of Receipt</b>	Wednesday, June 06, 2001
<b>PCT Application No</b>	PCT/US99/26062
<b>PCT Filing Date</b>	Friday, November 05, 1999
<b>Applicant(s)</b>	BORD OF SUPERVISOR OF LOUISIANA STATE UNIVERSITY AND SGRICULTURAL AND MECHANICAL COLLEGE,
<b>Title</b>	HERBICIDE RESISTANT RICE
<b>Priority No</b>	60/107,255
<b>Priority Date</b>	Thursday, November 05, 1998
 <b>National Phase Application No</b>	 IN/PCT/2001/00595
<b>Date of Receipt</b>	Wednesday, June 06, 2001
<b>PCT Application No</b>	PCT/US99/28998
<b>PCT Filing Date</b>	Tuesday, December 07, 1999
<b>Applicant(s)</b>	NEO,DENNIS AND SOLD,CHRIS
<b>Title</b>	ALL SIDED MOUTHBRUSH
<b>Priority No</b>	09/211,124
<b>Priority Date</b>	Monday, December 14, 1998
 <b>National Phase Application No</b>	 IN/PCT/2001/00596
<b>Date of Receipt</b>	Wednesday, June 06, 2001
<b>PCT Application No</b>	PCT/CA99/01168
<b>PCT Filing Date</b>	Tuesday, December 07, 1999
<b>Applicant(s)</b>	I.R.G. INFOMEDIA RESEARACH GROUP INC
<b>Title</b>	METHOD AND APPARATUS FOR PROVIDING A COMPUTERISED TELEVISION APPARATUS
<b>Priority No</b>	60/111,274
<b>Priority Date</b>	Monday, December 07, 1998

<b>National Phase Application No</b>	IN/PCT/2001/00597
<b>Date of Receipt</b>	Wednesday, June 06, 2001
<b>PCT Application No</b>	PCT/NZ99/00223
<b>PCT Filing Date</b>	Tuesday, December 21, 1999
<b>Applicant(s)</b>	FISHER &PAYKEL LIMITED
<b>Title</b>	A LAUNDRY APPLIANCE WITH LOAD BALANCING SYSTEM
 <b>Priority No</b>	 333573
<b>Priority Date</b>	Wednesday, December 23,
 <b>National Phase Application No</b>	 IN/PCT/2001/00598
<b>Date of Receipt</b>	Wednesday, June 06, 2001
<b>PCT Application No</b>	PCT/US99/229008
<b>PCT Filing Date</b>	Wednesday, December 08,
<b>Applicant(s)</b>	ELI LILLY AND COMPANY,
<b>Title</b>	PURIFICATION OF ECHINOCANDIN CYCLOPEPTIDE COMPOUNDS
 <b>Priority No</b>	 60/111,524
<b>Priority Date</b>	Wednesday, December 09,
 <b>National Phase Application No</b>	 IN/PCT/2001/00599
<b>Date of Receipt</b>	Wednesday, June 06, 2001
<b>PCT Application No</b>	PCT/SE99/02360
<b>PCT Filing Date</b>	Wednesday, December 15,
<b>Applicant(s)</b>	SANDVIK AB
<b>Title</b>	ROTARY DRILLING BIT
 <b>Priority No</b>	 9804399-5
<b>Priority Date</b>	Friday, December 18, 1998

<b>National Phase Application No</b>	IN/PCT/2001/00600
<b>Date of Receipt</b>	Thursday, June 07, 2001
<b>PCT Application No</b>	PCT/ES00/00413
<b>PCT Filing Date</b>	Friday, October 27, 2000
<b>Applicant(s)</b>	PATATAS CHEF,S.L
<b>Title</b>	SEMI-AUTOMATIC FRYING PAN WITH FUME AND SMELL PURIFICATION SYSTEM,
<b>Priority No</b>	9902387
<b>Priority Date</b>	Friday, October 29, 1999
<b>National Phase Application No</b>	IN/PCT/2001/00601
<b>Date of Receipt</b>	Thursday, June 07, 2001
<b>PCT Application No</b>	PCT/US99/30379
<b>PCT Filing Date</b>	Wednesday, October 20, 1999
<b>Applicant(s)</b>	MAXIM PHARMACEUTICALS,INC
<b>Title</b>	SYNTHESIS OF HISTAMINE DIHYDROCHLORIDE,
<b>Priority No</b>	60/113,933
<b>Priority Date</b>	Wednesday, December 23,
<b>National Phase Application No</b>	IN/PCT/2001/00602
<b>Date of Receipt</b>	Thursday, June 07, 2001
<b>PCT Application No</b>	PCT/CA99/01223
<b>PCT Filing Date</b>	Wednesday, December 22,
<b>Applicant(s)</b>	NATION RECEARACH COUNCIL OF CANDA AND DOW AGROSCIENCES LLC
<b>Title</b>	TRANSGENIC PLANTS AND METHOD FOR PRODUCTION THEREOF
<b>Priority No</b>	60/113,546
<b>Priority Date</b>	Tuesday, December 22, 1998

<b>National Phase Application No</b>	IN/PCT/2001/00603
<b>Date of Receipt</b>	Thursday, June 07, 2001
<b>PCT Application No</b>	PCT/US99/28499
<b>PCT Filing Date</b>	Thursday, December 02, 1999
<b>Applicant(s)</b>	UNIVERSITY OF MARYLAND BALTIMORE
<b>Title</b>	PLASMID MAINTENANCE SYSTEM FOR ANTIGEN DELIVERY
<b>Priority No</b>	09/204,117
<b>Priority Date</b>	Wednesday, December 02,
<b>National Phase Application No</b>	IN/PCT/2001/00604
<b>Date of Receipt</b>	Thursday, June 07, 2001
<b>PCT Application No</b>	PCT/JP00/07086
<b>PCT Filing Date</b>	Thursday, October 12, 2000
<b>Applicant(s)</b>	NGK INSULATORS LTD
<b>Title</b>	HIGH PRESSURE DISCHARGE LAMP ARC TUBE AND METHOD OF PRODUCING THE SAME
<b>Priority No</b>	11/294180
<b>Priority Date</b>	Friday, October 15, 1999
<b>National Phase Application No</b>	IN/PCT/2001/00605
<b>Date of Receipt</b>	Thursday, June 07, 2001
<b>PCT Application No</b>	PCT/GB99/03915
<b>PCT Filing Date</b>	Thursday, November 25, 1999
<b>Applicant(s)</b>	SCHNEIDER ELECTRIC LIMITED
<b>Title</b>	FUSE HANDER
<b>Priority No</b>	9825900.5
<b>Priority Date</b>	Friday, November 27, 1998

<b>National Phase Application No</b>	IN/PCT/2001/00606
<b>Date of Receipt</b>	Thursday, June 07, 2001
<b>PCT Application No</b>	PCT/US99/330761
<b>PCT Filing Date</b>	Wednesday, December 22,
<b>Applicant(s)</b>	THOMSON LICENSING S A
<b>Title</b>	METHOD FOR SELECTING A PROGRAM DISPLAYED IN ADVERTISEMENT IN AN APPLICATION SOFTWARE PROGRAM
<b>Priority No</b>	60/114,077
<b>Priority Date</b>	Monday, December 28, 1998
 <b>National Phase Application No</b>	IN/PCT/2001/00607
<b>Date of Receipt</b>	Thursday, June 07, 2001
<b>PCT Application No</b>	PCT/US99/30632
<b>PCT Filing Date</b>	Wednesday, December 22,
<b>Applicant(s)</b>	THOMSON LICENSING S.A.
<b>Title</b>	METHOD FOR OPERATING APPRATUS VIA AN ELECTRONIC MAIL MESSAGE
<b>Priority No</b>	60/114,076
<b>Priority Date</b>	Monday, December 28, 1998
 <b>National Phase Application No</b>	IN/PCT/2001/00608
<b>Date of Receipt</b>	Friday, June 08, 2001
<b>PCT Application No</b>	PCT/JP00/07464
<b>PCT Filing Date</b>	Wednesday, October 25, 2000
<b>Applicant(s)</b>	SHOWA DENKO K.K,
<b>Title</b>	NOVEL RHODOCOCCUS BACTERIUM, NITRILASE GENE NITRYL HYDRATASE GENE AND AMIDASE GENE FROM RHODOCOCCUS BACTERIUM AND PROCESS FOR PRODUCING CARBOXYLIC ACID USING THEM
<b>Priority No</b>	11/303212
<b>Priority Date</b>	Tuesday, October 26, 1999

<b>National Phase Application No</b>	IN/PCT/2001/00609
<b>Date of Receipt</b>	Friday, June 08, 2001
<b>PCT Application No</b>	PCT/KR99/00819
<b>PCT Filing Date</b>	Monday, December 27, 1999
<b>Applicant(s)</b>	SSEDAA TECHNOLOGY CO LTD.
<b>Title</b>	CONSTRUCTION AND METHOD FOR JOINTING A PLURALITY OF STEEL MEMBERS USING SHEAR RINGS.
<b>Priority No</b>	1998/58697
<b>Priority Date</b>	Saturday, December 26, 1998
 <b>National Phase Application No</b>	IN/PCT/2001/00610
<b>Date of Receipt</b>	Friday, June 08, 2001
<b>PCT Application No</b>	PCT/US99/29346
<b>PCT Filing Date</b>	Thursday, December 09, 1999
<b>Applicant(s)</b>	EATONI ERGONOMICS, INC
<b>Title</b>	METHOD AND APPRATUS FOR IMPROVED MULTI-TAPTEXT INPUT
<b>Priority No</b>	60/111,665
<b>Priority Date</b>	Thursday, December 10, 1998
 <b>National Phase Application No</b>	IN/PCT/2001/00611
<b>Date of Receipt</b>	Friday, June 08, 2001
<b>PCT Application No</b>	PCT/US99/29343
<b>PCT Filing Date</b>	Thursday, December 09, 1999
<b>Applicant(s)</b>	EATONI ERGONOMICS INC.
<b>Title</b>	TOUCH-TYPABLE DEVICES BASED ON AMBIGUOUS CODES AND METHODS TO DESIGN SUCH DEVICES
<b>Priority No</b>	60/111,665
<b>Priority Date</b>	Thursday, December 10, 1998

<b>National Phase Application No</b>	IN/PCT/2001/00612
<b>Date of Receipt</b>	Friday, June 08, 2001
<b>PCT Application No</b>	PCT/US99/30668
<b>PCT Filing Date</b>	Tuesday, December 22, 1998
<b>Applicant(s)</b>	TEXACO DEVELOPMENT CORPORATION,
<b>Title</b>	FILTRATION OF FEED TO INTEGRATION OF SOLVENT DEASPHALTING AND GASIFICATION
<b>Priority No</b>	60/113,449
<b>Priority Date</b>	Wednesday, December 23,

<b>National Phase Application No</b>	IN/PCT/2001/00613
<b>Date of Receipt</b>	Friday, June 08, 2001
<b>PCT Application No</b>	PCT/EP99/09087
<b>PCT Filing Date</b>	Wednesday, November 24,
<b>Applicant(s)</b>	SIEMENS AG
<b>Title</b>	DEVICE FOR CONNECTING PIPING SECTIONS
<b>Priority No</b>	98123061 8
<b>Priority Date</b>	Wednesday, December 09,

<b>National Phase Application No</b>	IN/PCT/2001/00614
<b>Date of Receipt</b>	Friday, June 08, 2001
<b>PCT Application No</b>	PCT/US99/29025
<b>PCT Filing Date</b>	Wednesday, December 08,
<b>Applicant(s)</b>	CARL STRUTZ & CO INC
<b>Title</b>	WORKPIECE CONVEYOR FOR A DECORATING MACHINE
<b>Priority No</b>	09/207,839
<b>Priority Date</b>	Tuesday December 08, 1998

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<b>National Phase Application No</b>	IN/PCT/2001/00615
<b>Date of Receipt</b>	Monday, June 11, 2001
<b>PCT Application No</b>	PCT/US99/28962
<b>PCT Filing Date</b>	Tuesday, December 07, 1999
<b>Applicant(s)</b>	GEOBIOTICS LLC.
<b>Title</b>	HIGH TEMPERATURE HEAP BIOLEACHING PROCESS
<b>Priority No</b>	09/212,579
<b>Priority Date</b>	Monday, December 14, 1998

<b>National Phase Application No</b>	IN/PCT/2001/00616
<b>Date of Receipt</b>	Monday, June 11, 2001
<b>PCT Application No</b>	PCT/US99/31180
<b>PCT Filing Date</b>	Wednesday, December 29,
<b>Applicant(s)</b>	COMPUTER ASSOCIATES THINK INC
<b>Title</b>	METHOD AND APPARATUS FOR A USER EXTENSIBLE EVENT STRUCTURE
<b>Priority No</b>	09/224,808
<b>Priority Date</b>	Thursday, December 31, 1998

<b>National Phase Application No</b>	IN/PCT/2001/00617
<b>Date of Receipt</b>	Monday, June 11, 2001
<b>PCT Application No</b>	PCT/US99/30827
<b>PCT Filing Date</b>	Monday, December 27, 1999
<b>Applicant(s)</b>	CITRIX SYSTEMS INC
<b>Title</b>	AN APPARAUS AND METHOD FOR DETERMINING A PROGRAM NEIGHBORHOOD FOR A CLIENT NODE IN A CLIENT-SERVER NETWORK
<b>Priority No</b>	60/111,0999
<b>Priority Date</b>	Tuesday, December 29, 1998

<b>National Phase Application No</b>	IN/PCT/2001/00618
<b>Date of Receipt</b>	Monday, June 11, 2001
<b>PCT Application No</b>	PCT/DE99/03816
<b>PCT Filing Date</b>	Wednesday, December 01,
<b>Applicant(s)</b>	SIEMENS AG.
<b>Title</b>	METHOD AND DEVICE FOR DRIVING A POWER OUTPUT STAGE
<b>Priority No</b>	198 55 604.7
<b>Priority Date</b>	Wednesday, December 02,

<b>National Phase Application No</b>	IN/PCT/2001/00619
<b>Date of Receipt</b>	Monday, June 11, 2001
<b>PCT Application No</b>	PCT/DE00/00690
<b>PCT Filing Date</b>	Saturday, January 29, 2000
<b>Applicant(s)</b>	SAAR-GUMMIWERK GMBH
<b>Title</b>	DEVICE FOR MOUNTING SHAPED DOOR SEALS USING AN SAS-SGM-TYPE METHOD
<b>Priority No</b>	199 04 183.0
<b>Priority Date</b>	Wednesday, February 03, 1999

<b>National Phase Application No</b>	IN/PCT/2001/00620
<b>Date of Receipt</b>	Monday, June 11, 2001
<b>PCT Application No</b>	PCT/DE99/04054
<b>PCT Filing Date</b>	Tuesday, December 21, 1999
<b>Applicant(s)</b>	INFINEON TECHNOLOGIES AG.
<b>Title</b>	DEVICE FOR VOLTAGE MULTIPLICATION WITH HIGH EFFICIENCY, AND ITS USE
<b>Priority No</b>	198 59 131.4
<b>Priority Date</b>	Monday, December 21, 1998

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<b>National Phase Application No</b>	IN/PCT/2001/00621
<b>Date of Receipt</b>	Tuesday, June 12, 2001
<b>PCT Application No</b>	PCT/EP99/10383
<b>PCT Filing Date</b>	Thursday, December 23, 1999
<b>Applicant(s)</b>	LION BIOSCIENCE AG.
<b>Title</b>	METHOD AND APPARAUS OF PROCESSING SEMISTRUCTURED TEXTUAL DATA
<b>Priority No</b>	124868.5
<b>Priority Date</b>	Wednesday, December 30,

<b>National Phase Application No</b>	IN/PCT/2001/00622
<b>Date of Receipt</b>	Tuesday, June 12, 2001
<b>PCT Application No</b>	PCT/GB99/04278
<b>PCT Filing Date</b>	Thursday, December 16, 1999
<b>Applicant(s)</b>	QUEST INETRNL B.V.
<b>Title</b>	IMPROVEMENTS IN OR RELATING TO REDUCTION OF MALODOUR
<b>Priority No</b>	98310619.6
<b>Priority Date</b>	Tuesday, December 22, 1998

<b>National Phase Application No</b>	IN/PCT/2001/00623
<b>Date of Receipt</b>	Tuesday, June 12, 2001
<b>PCT Application No</b>	PCT/EP99/09945
<b>PCT Filing Date</b>	Wednesday, December 15,
<b>Applicant(s)</b>	W.SCLAFHORST AG.& CO.
<b>Title</b>	THREAD GUIDE FOR TRAVERSING A THREAD IN A ROTATING WINDING BOBBIN
<b>Priority No</b>	19 58 547.0
<b>Priority Date</b>	Friday, December 18, 1998

<b>National Phase Application No</b>	IN/PCT/2001/00624
<b>Date of Receipt</b>	Tuesday, June 12, 2001
<b>PCT Application No</b>	PCT/DE99/03838
<b>PCT Filing Date</b>	Wednesday, December 01,
<b>Applicant(s)</b>	SIEMENS AG.
<b>Title</b>	METHOD AND ARRANGEMENT FOR CHANNEL CODING OR DECODING OF FRAME-STRUCTURED INFORMATION
<b>Priority No</b>	198 58 393.1
<b>Priority Date</b>	Thursday, December 17, 1998
 <b>National Phase Application No</b>	 IN/PCT/2001/00625
<b>Date of Receipt</b>	Wednesday, June 13, 2001
<b>PCT Application No</b>	PCT/US99/31181
<b>PCT Filing Date</b>	Tuesday, December 29, 1998
<b>Applicant(s)</b>	COMPUTER ASSOCIATES THINK INC
<b>Title</b>	CLIENT-SERVER DYNAMIC FILE ACCESS SYSTEM AND METHOD
<b>Priority No</b>	09/224,622
<b>Priority Date</b>	Thursday, December 31, 1998
 <b>National Phase Application No</b>	 IN/PCT/2001/00626
<b>Date of Receipt</b>	Thursday, June 14, 2001
<b>PCT Application No</b>	PCT/US99/31113
<b>PCT Filing Date</b>	Thursday, December 31, 1998
<b>Applicant(s)</b>	COMPUTER ASSOCIATES THINK INC
<b>Title</b>	METHOD AND APPARATUS FOR THE DYNAMIC FILTERING AND ROUTING OF EVENTS
<b>Priority No</b>	09/224,482
<b>Priority Date</b>	Thursday, December 31, 1998

<b>National Phase Application No</b>	IN/PCT/2001/00627
<b>Date of Receipt</b>	Thursday, June 14, 2001
<b>PCT Application No</b>	PCT/IB99/02021
<b>PCT Filing Date</b>	Friday, December 17, 1999
<b>Applicant(s)</b>	PERSONAL CHEMISTRY UPPSALA AB.
<b>Title</b>	MICROWAVE APPARATUS AND METHODS FOR PERFORMING CHEMICAL REACTIONS
<b>Priority No</b>	PA1998 01 16669
<b>Priority Date</b>	Thursday, December 17, 1998

<b>National Phase Application No</b>	IN/PCT/2001/00628
<b>Date of Receipt</b>	Thursday, June 14, 2001
<b>PCT Application No</b>	PCT/US00/29871
<b>PCT Filing Date</b>	Friday, October 27, 2000
<b>Applicant(s)</b>	HEWLETT-PACKARD COMPANY
<b>Title</b>	EDUCATABLE MEDIA DETERMINATION SYSTEM FOR INKJET PRINTING
<b>Priority No</b>	09/430,487
<b>Priority Date</b>	Friday, October 29, 1999

<b>National Phase Application No</b>	IN/PCT/2001/00629
<b>Date of Receipt</b>	Thursday, June 14, 2001
<b>PCT Application No</b>	PCT/US00/29878
<b>PCT Filing Date</b>	Friday, October 27, 2000
<b>Applicant(s)</b>	HEWLETT-PACKARD COMPANY
<b>Title</b>	ADVANCED MEDIA DETERMINING SYSTYEM FOR INKJET PRINTING
<b>Priority No</b>	09/430,487
<b>Priority Date</b>	Friday, October 29, 1999

**National Phase Application No** IN/PCT/2001/00630  
**Date of Receipt** Friday, June 15, 2001  
**PCT Application No** PCT/US99/21605  
**PCT Filing Date** Tuesday, October 12, 1999  
**Applicant(s)** GENERAL ELECTRIC COMPANY  
**Title** REMOVAL OF LEAD FROM ORGANIC DIARYL CARBONATE REACTION MIXTURES  
**Priority No** 09/218,636  
**Priority Date** Tuesday December 22, 1998

**National Phase Application No** IN/PCT/2001/00631  
**Date of Receipt** Friday, June 15, 2001  
**PCT Application No** PCT/US99/29129  
**PCT Filing Date** Wednesday, December 08,  
**Applicant(s)** ORTHO-MCNEIL PHARMACEUTICAL INC  
**Title** TRIPHASIC ORAL CONTRACEPTIVE  
**Priority No** 60/113,394  
**Priority Date** Wednesday, December 23,

**National Phase Application No** IN/PCT/2001/00632  
**Date of Receipt** Monday, June 18, 2001  
**PCT Application No** PCT/DE99/03896  
**PCT Filing Date** Saturday, June 12, 1999  
**Applicant(s)** SIEMENS AG.  
**Title** FOSSIL-FIRED CONTINUOUS-FLOW STEAM GENERATOR  
**Priority No** 198 58 780.5  
**Priority Date** Friday, December 18, 1998

**National Phase Application No** IN/PCT/2001/00633  
**Date of Receipt** Monday, June 18, 2001  
**PCT Application No** PCT/DE99/04056  
**PCT Filing Date** Tuesday, December 21, 1999  
**Applicant(s)** INFINEON TECHNOLOGIES AG  
**Title** VERTICALLY INTEGRATED SEMICONDUCTOR SYSTEM  
**Priority No** 198 60 819 5  
**Priority Date** Wednesday, December 30,

**National Phase Application No** IN/PCT/2001/00634  
**Date of Receipt** Monday, June 18, 2001  
**PCT Application No** PCT/DE99/03785  
**PCT Filing Date** Thursday, November 25, 1999  
**Applicant(s)** WIDIA GMBH  
**Title** CUTTING INSERT AND TOOL HAVING A CUTTING INSERT  
**Priority No** 298 22 553.0  
**Priority Date** Friday, December 18, 1998

**National Phase Application No** IN/PCT/2001/00635  
**Date of Receipt** Monday, June 18, 2001  
**PCT Application No** PCT/US99/29805  
**PCT Filing Date** Thursday, December 16, 1999  
**Applicant(s)** INTEL CORPORATION  
**Title** A COMPUTER PROCESSOR HAVING A REPLAY UNIT  
**Priority No** 09/222,805  
**Priority Date** Wednesday, December 30,

<b>National Phase Application No</b>	IN/PCT/2001/00636
<b>Date of Receipt</b>	Monday, June 18, 2001
<b>PCT Application No</b>	PCT/US99/30171
<b>PCT Filing Date</b>	Friday, December 17, 1999
<b>Applicant(s)</b>	BAKER NORTON PHARMACEUTICALS INC
<b>Title</b>	PHARMACEUTICAL AERSOL FORMULATIONS CONTAINING FLUOROALKANES AND BUDESONIDE
<b>Priority No</b>	09/215,279
<b>Priority Date</b>	Friday, December 17, 1999
 <b>National Phase Application No</b>	IN/PCT/2001/00637
<b>Date of Receipt</b>	Monday, June 18, 2001
<b>PCT Application No</b>	PCT/US99/30163
<b>PCT Filing Date</b>	Friday, December 17, 1999
<b>Applicant(s)</b>	BAKER NORTON PHARMACETICALS INC
<b>Title</b>	PHARMACEUTICAL AEROSOL FORMULATION CONTAINING FLUORALKANES BUDESONIDE AND FOR METEROL
 <b>Priority No</b>	09/215,280
<b>Priority Date</b>	Friday, December 18, 1998
 <b>National Phase Application No</b>	IN/PCT/2001/00638
<b>Date of Receipt</b>	Tuesday, June 19, 2001
<b>PCT Application No</b>	PCT/US99/29494
<b>PCT Filing Date</b>	Monday, December 13, 1999
<b>Applicant(s)</b>	OWENS CORING,
<b>Title</b>	NONAQUEOUS SIZING SYSTEM GLASS FIBER AND INJECTION MOLDABLE POLYMERS
 <b>Priority No</b>	09/220,221
<b>Priority Date</b>	Wednesday, December 23,

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<b>National Phase Application No</b>	IN/PCT/200/00639
<b>Date of Receipt</b>	Tuesday, June 19, 2001
<b>PCT Application No</b>	PCT/US99/24429
<b>PCT Filing Date</b>	Monday, October 18, 1999
<b>Applicant(s)</b>	GENERAL ELECTRIC COMPANY
<b>Title</b>	METHOD FOR MAKING AROMATIC CORBONATES
<b>Priority No</b>	09/224,162
<b>Priority Date</b>	Thursday, December 31, 1998

<b>National Phase Application No</b>	IN/PCT/2001/00640
<b>Date of Receipt</b>	Wednesday, June 20, 2001
<b>PCT Application No</b>	PCT/US99/30713
<b>PCT Filing Date</b>	Wednesday, December 22,
<b>Applicant(s)</b>	METABASIS THERAPEUTICS, INC
<b>Title</b>	A COMBINATION OF FBpase INHIBITORS AND INSULIN SENSITIZERS FOR THE TREATMENT OF DIABETES
<b>Priority No</b>	60/114,718
<b>Priority Date</b>	Thursday, December 24, 1998

<b>National Phase Application No.</b>	IN/PCT/2001/00641
<b>Date of Receipt</b>	Wednesday, June 20, 2001
<b>PCT Application No.</b>	PCT/US00/00168
<b>PCT Filing Date</b>	Wednesday, January 5, 2000
<b>Applicant(S)</b>	PAGE; J. DENNIS
<b>Title</b>	LIGHTING PROTECTION SYSTEM
<b>Priority No.</b>	60/114,832
<b>Priority Date</b>	Wednesday, January 06, 1999

<b>National Phase Application No</b>	IN/PCT/2001/00642
<b>Date of Receipt</b>	Wednesday, June 20, 2001
<b>PCT Application No</b>	PCT/US99/41206
<b>PCT Filing Date</b>	Monday, October 16, 2000
<b>Applicant(s)</b>	GENERAL VALVE INC
<b>Title</b>	AN APPARAUS AND METHOD FOR VERIFYING THE MATERIAL PROPERTIES OF A PLUG VALVE SEALING ELEMENT
<b>Priority No</b>	09/419,309
<b>Priority Date</b>	Monday, October 18, 1999
<b>National Phase Application No</b>	IN/PCT/2001/00643
<b>Date of Receipt</b>	Wednesday, June 20, 2001
<b>PCT Application No</b>	PCT/JP00/07264
<b>PCT Filing Date</b>	Thursday, October 19, 2000
<b>Applicant(s)</b>	MATSUSHITA ELECTRIC INDUSTRIAL CO,LTD.
<b>Title</b>	PROGRAM UPDATING METHOD AND COMMUNICATION TERMINAL APPARATUS
<b>Priority No</b>	11/299052
<b>Priority Date</b>	Thursday, October 21, 1999

<b>National Phase Application No</b>	IN/PCT/2001/00644
<b>Date of Receipt</b>	Wednesday, June 20, 2001
<b>PCT Application No</b>	PCT/FR99/03244
<b>PCT Filing Date</b>	Wednesday, December 22,
<b>Applicant(s)</b>	THOMSON MULTIMEDIA
<b>Title</b>	PROCESS FOR STORING A DIGITAL AUDIO AND VIDEO DATASTREAM, STORAGE DEVICE AND RECEIVER FOR IMPLEMENTING THE PROCESS
<b>Priority No</b>	98/16492
<b>Priority Date</b>	Monday, December 28, 1998
 <b>National Phase Application No</b>	IN/PCT/2001/00645
<b>Date of Receipt</b>	Wednesday, June 20, 2001
<b>PCT Application No</b>	PCT/FR99/03298
<b>PCT Filing Date</b>	Tuesday, December 28, 1999
<b>Applicant(s)</b>	THOMSON MULTIMEDIA
<b>Title</b>	PROCESS FOR THE SIMULTANEOUS RECORDING AND READING OF A DIGITAL AUDIO AND VIDEO DATA STREAM, AND RECEIVER FOR IMPLEMENTING THE PROCESS
<b>Priority No</b>	98/16491
<b>Priority Date</b>	Monday, December 28, 1998
 <b>National Phase Application No</b>	IN/PCT/2001/00646
<b>Date of Receipt</b>	Thursday, June 21, 2001
<b>PCT Application No</b>	PCT/EP99/08560
<b>PCT Filing Date</b>	Tuesday, November 09, 1999
<b>Applicant(s)</b>	MERCK PATENT GMBH
<b>Title</b>	SUBSTITUTED BENZO[DE]ISOQUINOLINE-1,3-DIONES
<b>Priority No</b>	09/199,409
<b>Priority Date</b>	Wednesday, November 25,

<b>National Phase Application No</b>	IN/PCT/2001/00647
<b>Date of Receipt</b>	Thursday, June 21, 2001
<b>PCT Application No</b>	PCT/EP99/08561
<b>PCT Filing Date</b>	Tuesday, November 09, 1999
<b>Applicant(s)</b>	MERCK PATENT GMBH
<b>Title</b>	SUBSTITUTED BENZO[de]ISOQUINOLONE-1,3-DIONES
<b>Priority No</b>	09/199,413
<b>Priority Date</b>	Wednesday, November 25,
 <b>National Phase Application No</b>	IN/PCT/2001/00648
<b>Date of Receipt</b>	Sunday, June 21, 201
<b>PCT Application No</b>	PCT/EP99/08795
<b>PCT Filing Date</b>	Tuesday, November 16, 1999
<b>Applicant(s)</b>	MERCK PATENT GMBH
<b>Title</b>	USE OF BENZOYLGUANIDINES FOR THE TREATMENT OF NON-INSULIN-DEPENDENT DIABETES MELLITUS
<b>Priority No</b>	98122419 9
<b>Priority Date</b>	Thursday, November 26, 1998
 <b>National Phase Application No</b>	IN/PCT/2001/00649
<b>Date of Receipt</b>	Thursday, June 21, 2001
<b>PCT Application No</b>	PCT/NO99/00376
<b>PCT Filing Date</b>	Monday, December 13, 1999
<b>Applicant(s)</b>	LEIV EIRIKSSON NYFOTEK AS
<b>Title</b>	METHOD FOR REDUCING FRICTIONAL LOSSES IN TUNNELS
<b>Priority No</b>	19986193
<b>Priority Date</b>	Wednesday, December 30,

<b>National Phase Application No</b>	IN/PCT/2001/00650
<b>Date of Receipt</b>	Thursday, June 21, 2001
<b>PCT Application No</b>	PCT/US99/30989
<b>PCT Filing Date</b>	Monday, December 27, 1999
<b>Applicant(s)</b>	OWENS CORNING
<b>Title</b>	PROCESS AND APPARATUS FOR FILAMENT WINDING COMPOSITE WORKPIECES
<b>Priority No</b>	09/223,704
<b>Priority Date</b>	Wednesday, December 30,
 <b>National Phase Application No</b>	 IN/PCT/2001/00651
<b>Date of Receipt</b>	Thursday, June 21, 2001
<b>PCT Application No</b>	PCT/FR00/02963
<b>PCT Filing Date</b>	Wednesday, October 25, 2000
<b>Applicant(s)</b>	ROQUETTE FRERES
<b>Title</b>	METHOD FOR PREPARING A NON-CRYSTALLIZABLE POLYOL SYRUP
<b>Priority No</b>	99/13492
<b>Priority Date</b>	Wednesday, October 28, 1998
 <b>National Phase Application No</b>	 IN/PCT/2001/00652
<b>Date of Receipt</b>	Thursday, June 21, 2001
<b>PCT Application No</b>	PCT/GB99/04200
<b>PCT Filing Date</b>	Friday, December 17, 1999
<b>Applicant(s)</b>	ML LABORATORIES PLC
<b>Title</b>	IMMUNOSUPPRESSION
<b>Priority No</b>	9925015.1
<b>Priority Date</b>	Saturday, October 23, 1999

<b>National Phase Application No</b>	IN/PCT/2001/00653
<b>Date of Receipt</b>	Thursday, June 21, 2001
<b>PCT Application No</b>	PCT/IB00/00038
<b>PCT Filing Date</b>	Thursday, January 13, 2000
<b>Applicant(s)</b>	COMPUTER ASSOCIATES THINK INC
<b>Title</b>	SIGNATURE RECOGNITION SYSTEM AND METHOD
<b>Priority No</b>	60/115,867
<b>Priority Date</b>	Wednesday, January 13, 1999

<b>National Phase Application No</b>	IN/PCT/2001/00654
<b>Date of Receipt</b>	Thursday, June 21, 2001
<b>PCT Application No</b>	PCT/GB99/04268
<b>PCT Filing Date</b>	Thursday, December 30, 1999
<b>Applicant(s)</b>	ML LABORATORIES PLC
<b>Title</b>	GENE THERAPY-1
<b>Priority No</b>	9900009.3
<b>Priority Date</b>	Monday, January 04, 1999

<b>National Phase Application No</b>	IN/PCT/2001/00655
<b>Date of Receipt</b>	Friday, June 22, 2001
<b>PCT Application No</b>	PCT/FR00/00022
<b>PCT Filing Date</b>	Friday, January 07, 2000
<b>Applicant(s)</b>	ATOFINA
<b>Title</b>	METHOD FOR PREPARING AZOIMINOETHERS AND AZOCARBOXYLIC ACID ESTERS AND NOVEL AZOCARBOXYLIC ACID MIXED ESTERS
<b>Priority No</b>	
<b>Priority Date</b>	

<b>National Phase Application No</b>	IN/PCT/2001/00656
<b>Date of Receipt</b>	Tuesday, May 22, 2001
<b>PCT Application No</b>	PCT/US00/29004
<b>PCT Filing Date</b>	Thursday, October 19, 2000
<b>Applicant(s)</b>	OCULEX PHARMACEUTICALS INC
<b>Title</b>	CONTROLLED-RELEASE BIOMATERIAL OCULAR DRUG DELIVERY IMPLANT DEVICES AND METHODS
<b>Priority No</b>	09/426,141
<b>Priority Date</b>	Friday, October 22, 1999
<b>National Phase Application No</b>	IN/PCT/2001/00657
<b>Date of Receipt</b>	Monday, June 25, 2001
<b>PCT Application No</b>	PCT/US00/00457
<b>PCT Filing Date</b>	Friday, January 07, 2000
<b>Applicant(s)</b>	THE UNITED STATES OF AMERICA as represented by THE SECRETARY OF AGRICULTURE
<b>Title</b>	METHOD AND KIT FOR EXTRACTED PRION PROTEIN
<b>Priority No</b>	6,150,172
<b>Priority Date</b>	Tuesday, November 21, 2000
<b>National Phase Application No</b>	IN/PCT/2001/00658
<b>Date of Receipt</b>	Monday, June 25, 2001
<b>PCT Application No</b>	PCT/US99/30669
<b>PCT Filing Date</b>	Wednesday, December 22,
<b>Applicant(s)</b>	G.D.SEARLE &CO.
<b>Title</b>	COMBINATION THERAPY OF RADIATION AND A COX-2 INHIBITORS OR THE TREATMENT OF NEOPLASIA
<b>Priority No</b>	60/113,786
<b>Priority Date</b>	Wednesday, December 23,

<b>National Phase Application No</b>	IN/PCT/2001/00659
<b>Date of Receipt</b>	Monday, June 25, 2001
<b>PCT Application No</b>	PCT/US99/30776
<b>PCT Filing Date</b>	Wednesday, December 22,
<b>Applicant(s)</b>	G,D,SEAREL & CO
<b>Title</b>	METHOD OF USING A CYCLOOXYGENASE -2 INHIBITOR AND A MAATRIX METALLOPROTEINASE INHIBITOR AS A COMBINATION THERAPY IN THE TREATMENT OF NEOPLASIA
<b>Priority No</b>	60/113,786
<b>Priority Date</b>	Wednesday, December 23,
 <b>National Phase Application No</b>	IN/PCT/2001/00660
<b>Date of Receipt</b>	Monday, June 25, 2001
<b>PCT Application No</b>	PCT/US99/30693
<b>PCT Filing Date</b>	Wednesday, December 22,
<b>Applicant(s)</b>	G.D.SEAREL & CO
<b>Title</b>	USE OF A CYCLOOXYGENASE -2 INHIBITOR AND ONE OR MORE ANTOINEOPLASTIC AGENT FOR COMBINATION THERAPY IN NEOPLASIA
<b>Priority No</b>	60/113,786
<b>Priority Date</b>	Wednesday, December 23,
 <b>National Phase Application No</b>	IN/PCT/2001/00661
<b>Date of Receipt</b>	Monday, June 25, 2001
<b>PCT Application No</b>	PCT/DE00/00012
<b>PCT Filing Date</b>	Monday, January 03, 2000
<b>Applicant(s)</b>	SIEMENS AG.
<b>Title</b>	TELEPHONE,ESPECIALLY A MOBILE TELEPHONE FOR CHILDREN
<b>Priority No</b>	199 00 167.7.
<b>Priority Date</b>	Tuesday, January 05, 1999

**National Phase Application No** IN/PCT/2001/00662  
**Date of Receipt** Monday, June 25, 2001  
**PCT Application No** PCT/DE00/00056  
**PCT Filing Date** Thursday, February 10, 2000  
**Applicant(s)** SIEMENS AG.  
**Title** FOSSIL-FIRED STEAM GENERATOR  
**Priority No** 199 01 430 2  
**Priority Date** Monday, January 18, 1999

**National Phase Application No** IN/PCT/2001/00663  
**Date of Receipt** Tuesday, June 26, 2001  
**PCT Application No** PCT/EP00/00046  
**PCT Filing Date** Wednesday, January 05, 2000  
**Applicant(s)** DYSTAR TEXTILFARBEN  
GMBH & CO.  
**Title** CRYSTALLINE MODIFICATION OF WATER-INSOLUBLE  
MONOAZO DYE  
**Priority No** 11/2978  
**Priority Date** Friday, January 08, 1999

**National Phase Application No** IN/PCT/2001/00664  
**Date of Receipt** Tuesday, June 26, 2001  
**PCT Application No** PCT/NO99/00406  
**PCT Filing Date** Wednesday, December 29,  
**Applicant(s)** CLAVIS BIOPROPULSION AS  
**Title** A METHOD AND DEVICE FOR PROPULSION OF VESSELS  
**Priority No** 19986181  
**Priority Date** Tuesday, December 29, 1998

<b>National Phase Application No</b>	IN/PCT/2001/00665
<b>Date of Receipt</b>	Tuesday, June 26, 2001
<b>PCT Application No</b>	PCT/FI99/00947
<b>PCT Filing Date</b>	Tuesday, November 16, 1999
<b>Applicant(s)</b>	AALTO KARI AND OTHERS
<b>Title</b>	PURIFYING DEVICE FOR LIQUID
<b>Priority No</b>	982673
<b>Priority Date</b>	Thursday, December 10, 1998
 <b>National Phase Application No</b>	IN/PCT/2001/00666
<b>Date of Receipt</b>	Tuesday, June 26, 2001
<b>PCT Application No</b>	PCT/US99/30970
<b>PCT Filing Date</b>	Tuesday, December 28, 1999
<b>Applicant(s)</b>	CELGENE CORPORATION
<b>Title</b>	CHIRAL IMIDAZOLE FUNGICIDAL COMPOSITIONS AND METHODS FOR THEIR USE
<b>Priority No</b>	60/114,508
<b>Priority Date</b>	Thursday, December 31, 1998
 <b>National Phase Application No</b>	IN/PCT/2001/00667
<b>Date of Receipt</b>	Tuesday, June 26, 2001
<b>PCT Application No</b>	PCT/US00/00314
<b>PCT Filing Date</b>	Friday, January 07, 2000
<b>Applicant(s)</b>	MAXIM PHARMACEUTICALS, INC.
<b>Title</b>	TREATMENT AND PREVENTION OF REACTIVE OXYGEN METABOLITE-MEDIATED CELLULAR DAMAGE.
<b>Priority No</b>	09/227,455
<b>Priority Date</b>	Friday, January 08, 1999

<b>National Phase Application No</b>	IN/PCT/2001/00668
<b>Date of Receipt</b>	Tuesday, June 26, 2001
<b>PCT Application No</b>	PCT/EPOO/00084
<b>PCT Filing Date</b>	Friday, January 07, 2000
<b>Applicant(s)</b>	FRIZ BIOCHEM GMBH
<b>Title</b>	METHOD FOR ELECTROCHEMICALLY DETECTING NUCLEIC ACID-OLIGOMER HYBRIDISATION EVENTS
<b>Priority No</b>	19901761
<b>Priority Date</b>	Monday, January 18, 1999

<b>National Phase Application No</b>	IN/PCT/2001/00669
<b>Date of Receipt</b>	Wednesday, June 27, 2001
<b>PCT Application No</b>	PCT/US00/00689
<b>PCT Filing Date</b>	Tuesday, January 11, 2000
<b>Applicant(s)</b>	INFOSPACE, INC
<b>Title</b>	ROUTING MESSAGES TO ACHIEVE UNIFIED COMMUNICATIONS.
<b>Priority No</b>	09/228,179
<b>Priority Date</b>	Monday, January 11, 1999

<b>National Phase Application No</b>	IN/PCT/2001/00670
<b>Date of Receipt</b>	Wednesday, June 27, 2001
<b>PCT Application No</b>	PCT/US00/00688
<b>PCT Filing Date</b>	Tuesday, January 11, 2000
<b>Applicant(s)</b>	INFOSPACE, INC
<b>Title</b>	SERVER AND METHOD FOR ROUTING MESSAGES TO ACHIEVE UNIFIED COMMUNICATIONS
<b>Priority No</b>	09/228,249
<b>Priority Date</b>	Monday, January 11, 1999

<b>National Phase Application No</b>	IN/PCT/2001/00671
<b>Date of Receipt</b>	Wednesday, June 27, 2001
<b>PCT Application No</b>	PCT/US00/01051
<b>PCT Filing Date</b>	Sunday, January 14, 2001
<b>Applicant(s)</b>	UNITED STATES FILTER CORPORATION
<b>Title</b>	MOUNTING SYSTEM FOR MODULAR PANELS USED IN A SCREEN DECK
<b>Priority No</b>	09/233,565
<b>Priority Date</b>	Tuesday, January 19, 1999

<b>National Phase Application No</b>	IN/PCT/2001/00672
<b>Date of Receipt</b>	Wednesday, June 27, 2001
<b>PCT Application No</b>	PCT/US00/03848
<b>PCT Filing Date</b>	Tuesday, February 15, 2000
<b>Applicant(s)</b>	TECHINT COMPAGNIA TECNICA INTERNAZIONALES P A
<b>Title</b>	CONTINUOUS CHARGE PREHEATING,MELTING,REFINING AND CASTING
<b>Priority No</b>	60/121,261
<b>Priority Date</b>	Tuesday, February 23, 1999

<b>National Phase Application No</b>	IN/PCT/2001/00673
<b>Date of Receipt</b>	Wednesday, June 27, 2001
<b>PCT Application No</b>	PCT/EP00/00168
<b>PCT Filing Date</b>	Wednesday, January 12, 2000
<b>Applicant(s)</b>	IWKA PACUNION GMBH
<b>Title</b>	DEVICE FOR WELDING THE ENDS OF TUBULAR CONTAINERS MADE FROM PLASTIC, IN PARTICULAR TUBES
<b>Priority No</b>	
<b>Priority Date</b>	

<b>National Phase Application No</b>	IN/PCT/2001/00674
<b>Date of Receipt</b>	Monday, June 25, 2001
<b>PCT Application No</b>	PCT/US00/00352
<b>PCT Filing Date</b>	Sunday, July 01, 2001
<b>Applicant(s)</b>	LEXIGEN PHARMACEUTIALS CORP
<b>Title</b>	EXPRESSION AND EXPORT OF ANTI-OBESITY PROTEINS AS Fc FUSION PROTEINS
<b>Priority No</b>	60/115,079
<b>Priority Date</b>	Thursday, January 07, 1999
 <b>National Phase Application No</b>	 IN/PCT/2001/00675
<b>Date of Receipt</b>	Monday, June 25, 2001
<b>PCT Application No</b>	PCT/GR00/00003
<b>PCT Filing Date</b>	Friday, January 14, 2000
<b>Applicant(s)</b>	ELPEN S.A.
<b>Title</b>	HYPOLIPIDEMIC AND ANTIOXIDANT MORPHOLINE DERIVATIVES
<b>Priority No</b>	990100015
<b>Priority Date</b>	Thursday, January 14, 1999
 <b>National Phase Application No</b>	 IN/PCT/2001/00676
<b>Date of Receipt</b>	Monday, June 25, 2001
<b>PCT Application No</b>	PCT/US99/31135
<b>PCT Filing Date</b>	Wednesday, December 29,
<b>Applicant(s)</b>	COMPUTER ASSOCIATES THINK INC
<b>Title</b>	SYSTEM AND METHOD FOR DYNAMIC CORRELATION OF EVENTS
<b>Priority No</b>	09/224,487
<b>Priority Date</b>	Thursday, December 31, 1998

<b>National Phase Application No</b>	IN/PCT/2001/00677
<b>Date of Receipt</b>	Monday, June 25, 2001
<b>PCT Application No</b>	PCT/US00/00317
<b>PCT Filing Date</b>	Friday, January 07, 2000
<b>Applicant(s)</b>	MAXIM PHARMACEUTICALS INC
<b>Title</b>	METHODS AND COMPOSITIONS FOR TOPICAL TREATMENT OF DAMAGED TISSUE USING REACTIVE OXYGEN METABOLIC PRODUCTION OR RELEASE INHIBITORS
<b>Priority No</b>	09/227,801
<b>Priority Date</b>	Friday, January 08, 1999
 <b>National Phase Application No</b>	IN/PCT/2001/00678
<b>Date of Receipt</b>	Monday, June 25, 2001
<b>PCT Application No</b>	PCT/US00/00094
<b>PCT Filing Date</b>	Tuesday, January 04, 2000
<b>Applicant(s)</b>	MAXIM PHARMACEUTICALS INC
<b>Title</b>	SYNERGISTIC TUMORCIDAL RESPONSE INDUCED BY HISTAMINE
<b>Priority No</b>	09/226,226
<b>Priority Date</b>	Wednesday, January 06, 1999
 <b>National Phase Application No</b>	IN/PCT/2001/00679
<b>Date of Receipt</b>	Monday, June 25, 2001
<b>PCT Application No</b>	PCT/AU99/01033
<b>PCT Filing Date</b>	Thursday, November 25, 1999
<b>Applicant(s)</b>	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION
<b>Title</b>	TERMIT ATTRACTANT AND/OR FEEDING STIMULANT
<b>Priority No</b>	
<b>Priority Date</b>	
 <b>National Phase Application No</b>	IN/PCT/2001/00680
<b>Date of Receipt</b>	Thursday, June 28, 2001
<b>PCT Application No</b>	PCT/US99/28408
<b>PCT Filing Date</b>	Tuesday, November 30, 1999
<b>Applicant(s)</b>	IVF SCIENCES COLORADO, INC
<b>Title</b>	SYSTEM AND SEQUENTIAL CULTURE MEDIA FOR IN VITRO FERTILIZATION
<b>Priority No</b>	
<b>Priority Date</b>	

**National Phase Application No** IN/PCT/2001/00681  
**Date of Receipt** Thursday, June 28, 2001  
**PCT Application No** PCT/JP00/07535  
**PCT Filing Date** Friday, October 27, 2000  
**Applicant(s)** MATSUSHITA ELECTRIC  
INDUSTRIAL CO LTD.  
**Title** DISPLAY APPARATUS, PICTURE GENERATION  
APPARATUS, DISPLAY METHOD AND PICTURE  
GENERATION METHOD  
**Priority No** 11/310111  
**Priority Date** Friday, October 29, 1999

**National Phase Application No** IN/PCT/2001/00682  
**Date of Receipt** Thursday, June 28, 2001  
**PCT Application No** PCT/JP00/07536  
**PCT Filing Date** Friday, October 27, 2000  
**Applicant(s)** MATSUSHITA ELECTRIC  
INDUSTRIAL CO LTD.  
**Title** COMMUNICATION APPARATUS AND COMMUNICATION  
METHOD  
**Priority No** 11/309005  
**Priority Date** Friday, October 27, 2000

**National Phase Application No** IN/PCT/2001/00683  
**Date of Receipt** Thursday, June 28, 2001  
**PCT Application No** PCT/IB99/00666  
**PCT Filing Date** Monday, February 15, 1999  
**Applicant(s)** GLORY WIN INTERNATIONAL GROUP LIMITED

**Title** TWO TERMINAL BATTERY  
**Priority No**  
**Priority Date**

**National Phase Application No** IN/PCT/2001/00684  
**Date of Receipt** Thursday, June 28, 2001  
**PCT Application No** PCT/JP99/05421  
**PCT Filing Date** Friday, October 01, 1999  
**Applicant(s)** SEFT DEVELOPMENT LABORATORY CO.,LTD.  
**Title** COOLING DEVICE AIMED SPACER  
**Priority No**  
**Priority Date**

**National Phase Application No** IN/PCT/2001/00685  
**Date of Receipt** Thursday, June 28, 2001  
**PCT Application No** PCT/JP99/05835  
**PCT Filing Date** Friday, October 22, 1999  
**Applicant(s)** SEFT DEVELOPMENT LABORATORY CO.,LTD  
**Title** SPACER  
**Priority No**  
**Priority Date** NONE

<b>National Phase Application No</b>	IN/PCT/2001/00686
<b>Date of Receipt</b>	Thursday, June 28, 2001
<b>PCT Application No</b>	PCT/IB99/01925
<b>PCT Filing Date</b>	Tuesday, November 30, 1999
<b>Applicant(s)</b>	CYTOS BIOTECHNOLOGY AG
<b>Title</b>	ORDERED MOLECULAR PRESENTATION OF ANTIGENS, METHOD OF PREPARATION AND USE.
<b>Priority No</b>	60/110,41411/30/98
<b>Priority Date</b>	
 <b>National Phase Application No</b>	IN/PCT/2001/00687
<b>Date of Receipt</b>	Friday, June 29, 2001
<b>PCT Application No</b>	PCT/GB00/00211
<b>PCT Filing Date</b>	Thursday, January 27, 2000
<b>Applicant(s)</b>	NEW TRANSDUCERS LIMITED
<b>Title</b>	RESONANT PANEL-FORM LOUDSPEAKERS
<b>Priority No</b>	9901895
<b>Priority Date</b>	Friday, January 29, 1999
 <b>National Phase Application No</b>	IN/PCT/2001/00688
<b>Date of Receipt</b>	Friday, June 29, 2001
<b>PCT Application No</b>	PCT/US99/30740
<b>PCT Filing Date</b>	Wednesday, December 22,
<b>Applicant(s)</b>	ORPHAN MEDICAL INC
<b>Title</b>	MICROBIOLOGICALLY SOUND AND STABLE SOLUTIONS OF GAMMA-HYDROXYBUTYRATE SALT FOR THE TREATMENT OF NARCOLEPSY.
<b>Priority No</b>	60/113,745
<b>Priority Date</b>	Wednesday, December 23, 1998

**National Phase Application No** IN/PCT/2001/00689  
**Date of Receipt** Friday, June 29, 2001  
**PCT Application No** PCT/EP00/00140  
**PCT Filing Date** Tuesday, January 11, 2000  
**Applicant(s)** EMITEC GESELLSCHAFT  
FUR  
EMISSIONSTECHNOLOGIE  
MBH  
**Title** METAL FOIL CONNECTION AND METAL FOIL-BRAZING  
MEDIUM PARTICLE FRACTION FOR METAL FOILS  
**Priority No** 199 03 184 3  
**Priority Date** Wednesday, January 27, 1999

**National Phase Application No** IN/PCT/2001/00690  
**Date of Receipt** Friday, June 29, 2001  
**PCT Application No** PCT/JP00/00542  
**PCT Filing Date** Tuesday, February 01, 2000  
**Applicant(s)** SUMITOMO CHEMICAL  
COMPANY LIMITED  
**Title** PROCESS FOR PRODUCING 2 -HYDROXY-4-METHYL  
THIOBUPANOIC ACID  
**Priority No** 11/26491  
**Priority Date** Wednesday, February 03, 1999

**National Phase Application No** IN/PCT/2001/00691  
**Date of Receipt** Monday July 02, 2001  
**PCT Application No** PCT/DE00/00055  
**PCT Filing Date** Monday January 10, 2000

### ALTERATION OF DATE

187310 filed on 22.3.2000—289/DEL/2000 Ante dated to 12.4.96.

187313 filed on 24.04.2001—517/DEL/2001 Ante date to 10.06.97.

187318 filed on 24.04.2001—518/DEL/2001 Ante date to 10.06.97.

187319 filed on 24.04.2001—519/DEL/2001 Ante date to 10.06.97.

187320 filed on 24.04.2001—520/DEL/2001 Ante date to 10.06.97.

### COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a patent on any of the applications concerned, may, at any time within four months from the date of this issue or within such further period not exceeding one month if applied for on Form 4 prescribed under the Patent (Amendment) Rules, 1999 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form 7 of such opposition. The written statement of opposition should be filed in duplicate alongwith evidence, if any, with said notice or within sixty days of its date as prescribed in Rule 36 as amended by the Patents (Amendment) Rules, 1999.

The Classification given below in respect of each specification are according to Indian Classification and International Classification Systems.

Printed copies of the specification and drawings, if any, can be supplied by the Patent Office or its branch offices on payment of prescribed charges of Rs. 30/- each.

In the event of non-availability of printed specification, photocopies of the specification and drawings, if any, can be supplied by the Patent Office and its branch offices on payment of prescribed photocopy charges @ Rs. 10/- per page of such document plus Rs. 30/-.

### स्वीकृत संपूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि संबद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त चार (4) महीने की अवधि की समाप्ति के पूर्व, पेटेंट (संशोधन) नियम, 1999 के तहत विहित प्ररूप 4 पर अगर आवेदित हो, एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक एकस्व को उपयुक्त कार्यालय में ऐसे विरोध को सूचना विहित प्ररूप 7 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य दो प्रतियों में साक्ष्य के साथ, यदि कोई हो, उक्त सूचना के साथ या पेटेंट (संशोधन) नियम, 1999 द्वारा संशोधित नियम 36 के तहत यथाविहित उक्त सूचना के तिथि से 60 दिन के भीतर फाईल कर दिये जाने चाहिए।

प्रत्येक विनिर्देश के संदर्भ में नीचे दिये वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं।

विनिर्देश तथा चित्र आरेख, यदि कोई हो, की अंकित प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित 30/- रुपये प्रति की अदायगी पर की जा सकती है।

ऐसी परिस्थिति में जब विनिर्देश की अंकित प्रति उपलब्ध नहीं हो, विनिर्देश तथा चित्र आरेख, यदि कोई हो, की फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित फोटोप्रति शुल्क उक्त दस्तावेज के 10 रुपये प्रति पृष्ठ धन 30/- रुपये की अदायगी पर की जा सकती है।

Indian Classification	:	69 A	187291
International Classification	:	H 01H 51/00	
Title	:	“AN IMPROVED POLARIZED RELAY DEVICE”.	
Applicant	:	MATSUHITA ELECTRIC WORKS, LTD., a Japanese company, of 1048, Oaza-Kadoma, Kadoma-shi, Osaka, Japan.	
Inventors	:	KAZUHIRO NOBUTOKI, KYOJI UEDA, HIROYUKI KITA AND HIROAKI AIHOSHI — JAPANESE.	

Application for Patent Number 839/DEL/93 filed on 06.8.93.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.

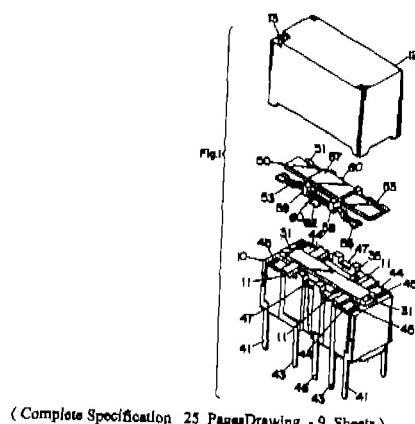
(12 Claims )

An improved polarized relay device comprising :  
A coil (20) block having an elongated coil (21) bobbin, a core (30) inserted therein, and excitation coil (25) means wound about said coil (21) bobbin, said core (30) having opposed pole ends projecting upwardly from longitudinal ends of said coil (21) bobbin, a permanent (35) magnet being interposed between said pole ends of the core;

An armature (50) block having an elongated substantially flat (51) armature and a set of movable (53) springs carrying movable contacts and held together with said armature (51) by means of an electrically (57) insulating harness molded on said armature (51), said armature (51) pivotally supported on said coil (20) block to be movable between two contact operating positions and extending along said permanent (35) magnet is cooperative therewith and the said core (30) to form a magnetic circuit ;

A terminal (40) assembly including coil terminals (41) leading to said coil means (25) and fixed contact (43) terminals provided respectively with fixed contacts at contact ends of said contact terminals;

Said improved polarized relay device characterized in that said device is provided with an integral base (10) unit comprising a coil (20) block and a terminal (40) assembly formed integrally therewith of an electrically insulating material, said armature (50) block being assembled on said base unit (10) with movable contacts held in an engageable relation to said fixed contacts (45).



Indian Classification	:	145 A 145 E <sub>3</sub>	187292
International Classification <sup>4</sup>	:	C 08 L 93/00 D 21 H 1/00, 3/00	
Title	:	“A PROCESS FOR THE PREPARATION OF A COMPOSITION USEFUL FOR THE PRODUCTION OF IMPROVED QUALITY TRACING PAPER ”	
Applicant	:	Council of Scientific and Industrial Research, Rafi Marg, New Delhi –110001, India, an Indian Registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	SAMIR KUMAR GHOSH -INDIA DIP CHANDRA SAIKIA -INDIA DULESWAR MAHANTA -INDIA	

Application for Patent Number 912/Del/93 filed on 23.08.1993.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008

(06 Claims)

A process for the preparation of a composition useful for the production of improved quality tracing paper which comprises soaking a thermoplastic polymer (10-15%) in an organic solvent (82-83%), heating the resultant at a temperature of 60-80°C under stirring, adding 1.0-22% a diluent such as herein described and a plasticizer (0.3 to 0.6%) under stirring for 1-2 hrs. to get a composition.

(Complete Specification 09 Pages Drawing Sheet – NIL)

<b>Indian Classification</b>	:	40 F	187293
<b>International Classification<sup>4</sup></b>	:	C11B 3/00	
<b>Title</b>	:	<b>"A PROCESS FOR THE PREPARATION OF JOJOBA ESTOLIDE HAVING IMPROVED POUR POINT AND LONG CHAIN FATTY ACIDS FROM JOJOBA OIL."</b>	
<b>Applicant</b>	:	Council of Scientific and Industrial Research, Rafi Marg, New Delhi –110001, India, an Indian Registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
<b>Inventors</b>	:	VIRENDRA KUMAR BHATIA-INDIA SAVITA KAUL-INDIA VIDYA BHUSHAN KAPOOR-INDIA	

Application for Patent Number 991/Del/93 filed on 08.09.1993.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008

(05 Claims)

A process for the preparation of jojoba estolide having improved pour point and long chain fatty acids from jojoba oil which comprises transesterifying jojoba oil by treating with oleic acid in the presence of sulphuric acid as the catalyst at a temperature in the range of 160 to 170°C, cooling the reaction mixture, neutralising with an alkali washing with water to remove the salts and distilling to recover the unreacted oleic acid, purifying the resultant by conventional methods.

(Complete Specification 09 Pages Drawing Sheet - --)

Indian Classification	:	201 C,D	187294
International Classification <sup>4</sup>	:	C 02 F 5/00	,
Title	:	“AN IMPROVED PROCESS FOR THE PREPARATION OF POLLUTANT FREE WATER FROM TANNERIES WASTE WATER ”	
Applicant	:	Council of Scientific and Industrial Research. Rafi Marg, New Delhi –110001, India, an Indian Registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	GANESAN SEKARAN-INDIA KALYANARAMAN CHITRA-INDIA MUTHIAH MARIAPPAN-INDIA KONDAPURAM VIJAYA RAGHAVAN-INDIA	

Application for Patent Number 994/Del/93 filed on 08.09.1993.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office  
Branch, New Delhi – 110 008

(05 Claims)

An improved process for the preparation of pollutant free water from tanneries waste water which comprises adjusting the waste water pH at 9.7, allowing the said waste water to settle for a period of 2 hours, passing the settled waste water through a reactor containing rice bran based granular activated carbon and oxidizing the said liquor by passing a flow of air to obtain water free from pollutants.

(Complete Specification 13 Pages Drawing Sheet – 1 Sheet)

Indian Classification : 39 L+Q. 187295

International Classification<sup>4</sup> : CO1B 13/14;CO1B 17/20.

Title : "A PROCESS FOR THE PREPARATION OF NANO DIMENSIONAL PARTICLES OF II – IV METALS".

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg New Delhi 110 001, India, an Indian registered body incorporated under the Registration of Societies Act.

Inventors : PARTHASARATHY GANGULY.  
NEELA RAGHUNATH PAVASKAR.  
KUNJUKRISHNAPILLAI VIJAYAMOHANAN  
SANTHI GEORGE  
PRABHAT SINGH-All Indian.

Kind of Application : COMPLETE

Application for Patent Number 1165/DEL93 filed on 18.10.93

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 005

(05- Claims )

A process for the preparation of nano dimensional particles of II-IV metals of periodic table in a carbonaceous matrix useful as semiconductor which comprises (I) mixing thoroughly inorganic salts of metals from the group of periodic table II to VI such as Cd, Zn, Ni, Fe, Co, W, Mo with polyphenylene sulfides in presence of an organic solvent such as herein described to form uniform suspension (ii) making pellets after completely drying the suspension under pressure of 5000 to 6000 psi and heating at a temperature in the range of 400 to 800°C in inert atmosphere for 20 minutes to 2 hours(iii) cooling (annealing) to room temperature to get nanodimensional particles dispersed in the matrix.

Indian Classification : 32E + 15 2F. 187296

International Classification <sup>4</sup> : C 08L 33/08, 35/04.

Title : **"PROCESS FOR PREPARATION OF A HYDROGEL POLYMERIC PRODUCT FOR USE AS CONTACT LENSS."**

Applicant : BAUSCH & LOMB INCORPORATED, a corporation organized under the laws of the State of New York, United State of America, of One Lincoln First square., P.O. Box 54, Rochester, New York 14601-0054, United States of America.

Inventors : MAHENDRA PREMJI NANDU- INDIAN JAY FRIEDERICH KUNZLER-U.S.A.

Application for Patent Number 1299/Del/93 filed on 19.11.93.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 005.

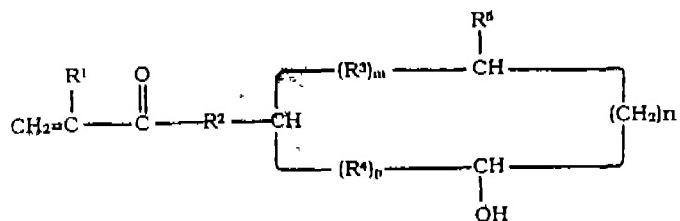
( 15 - Claims )

A process for preparation of a hydrogel polymeric product for use as contact lenses, comprising following steps:-

- i) Casting of a monomer mixture in a mold;
- ii) Curing the monomer mixture in the mold; and
- iii) Hydrating the cast product in aqueous solution, to produce a hydrogel polymeric product.

wherein the said monomer mixture comprises :

- (a) an N, N-dialkyl (meth) acrylamide monomer; and
- (b) a monomer represented by the formula-1:



Wherein

R<sup>1</sup> is methyl or hydrogen

R<sup>2</sup> is -O- or -NH-;

R<sup>3</sup> and R<sup>4</sup> are independently a divalent radical selected from the group consisting of -CH<sub>2</sub>-; -CHOH- and CHR<sup>6</sup>-;

$R^5$  and  $R^6$  are independently a branched C<sub>3</sub>-C<sub>8</sub> alkyl group; and  
n is an integer of at least 1, and m and p are independently 0 or an integer of at least 1,  
provided that the sum of m, p and n is 2, 3, 4 or 5; and optionally of

- (c) at least one hydrophilic monomer such as herein described;
- (d) at least one crosslinking monomer such as herein described;
- (e) at least one polymerisation initiator such as herein above described; and
- (f) optionally diluent such as herein above described,

wherein said casting step is carried as described hereinabove, said curing step is preferably carried out in ultraviolet light preferably at room temperature preferably for about 2 hours followed by extraction with water and said hydrating step is preferably carried out in buffered saline as described herein above.

wherein said monomer mixture comprises:

at least 20 parts by weight of said component (a) and at least 10 parts by weight of said component (b), and

optionally at least 10 parts by weight of said hydrophilic monomer, and at least 0.01 parts by weight of said crosslinking monomer and of said polymerization initiator based on 100 parts by weight of total monomers in said monomer mixture.

(Complete Specification Pages 29 Drawing-- Sheets)

Indian Classification	:	32E	187297
International Classification <sup>4</sup>	:	CO8L 23/00, CO8L 00 7/00, CO8L 009/00	
Title	:	<b>"A PROCESS FOR THE PREPARATION OF THERMOPLASTIC ELASTOMERS HAVING IMPROVED AND LOW TEMPERATURE PROPERTIES".</b>	
Applicant	:	ADVANCED ELASTOMER SYSTEMS, L.P., A LIMITED PARTNERSHIP, ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, USA AND HAVING A PRINCIPAL PLACE OF BUSINESS AT 540 MARYVILLE CENTRE DRIVE, ST. LOUIS, MISSOURI 63141 USA.	
Inventors	:	MARIA DOLORES ELLUL-U.S.	

Application for Patent Number 1452/DEL/93 filed on 24.12.93.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 005

(15- Claims )

A process for the preparation of thermoplastic elastomers having improved and low temperature performance characteristics comprising the following steps-

- (a) blending 90 to 10 weight percent of an olefinic rubber with 10 to 90 weight percent of a thermoplastic crystalline polyolefine polymer, preferably thermoplastic crystalline polyolefin homopolymer or copolymer at a temperature above the melting point of said polyolefin,
- (b) adding to the blend of step-a from 1 to 250 parts "per hundred parts of rubber" of low molecular weight plasticizer, preferably of a low molecular weight ester or ether ester plasticizer, which is compatible with both the said olefinic rubber and said polyolefin,
- (c) adding to the blend of step-b one or more of additives, such as hereinbefore described, and
- (d) crosslinking said olefinic rubber in the resulting mixture from step-c.

Indian Classification : 32F<sub>2</sub>b, 55E<sub>2</sub> & E<sub>4</sub>. 187298

International Classification<sup>4</sup> : A 61 K 31/00

Title : **"A PROCESS FOR THE PREPARATION OF PIPERAZINE DERIVATIVES".**

Applicant : SAMJIN PHARMACEUTICAL CO. LTD., a Korean national, of 38-8 Seokyo-dong, Mapo-ku, Seoul, 121-210, Republic of Korea.

Inventors : EUI-HWAN CHO-KOREA  
SUN-GAN CHUNG-KOREA  
SUN-HWAN LEE-KOREA  
HO-SEOK KWON-KOREA  
JAE-EUNG LEE-KOREA  
DONG-WOOK KANG-KOREA  
JEONG-HO JOO-KOREA  
YOUNG HEE LEE-KOREA.

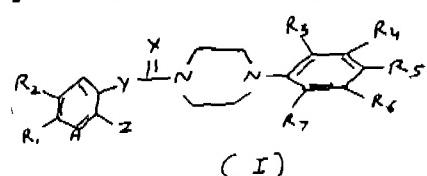
Application for Patent Number 2140/del/97 filed on 31.7.97.

Convention date :- 18.09.96; 03.06.97; 04.06.97; 96.40596; 97.22984, 97.22985; 97.23192, 97.23193; KOREA.

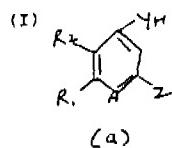
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 005.

(3- Claims )

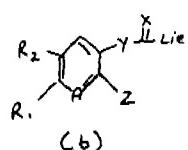
A process for the preparation of piperazine derivative of general formula (I)



or a pharmaceutically acceptable acid addition salt thereof comprising reacting a compound of the general formula (a)



with a -C(=X)- group-providing agent in the presence of organic solvent as herein described to obtain a compound of the general formula (b)



and reacting the compound of the general formula (b) with a compound of the general formula (c) to obtain the general formula (I) and reacting said compound of general formula (I) is to acids as herein defined to form acid addition salt; wherein R<sub>1</sub> and R<sub>2</sub> are independently hydrogen, substituted or unsubstituted C<sub>1</sub>-C<sub>8</sub> alkyl, substituted or unsubstituted C<sub>3</sub>-C<sub>6</sub> cycloalkyl, substituted or unsubstituted C<sub>2</sub>-C<sub>8</sub> unsaturated alkyl, ketone, substituted or unsubstituted aryl, substituted or unsubstituted C1-C4 alkoxy, substituted or unsubstituted arylhydroxy, substituted or unsubstituted amino, C1-C4 lower ester, C1-C4 lower thioester, thiol, substituted or unsubstituted carboxyl, epoxy, substituted or unsubstituted C1-C4 lower thioalkoxy; or R<sub>1</sub> and R<sub>2</sub> are fused to form C<sub>3</sub>-C<sub>4</sub> saturated or unsaturated chain; R<sub>3</sub>,R<sub>4</sub>,R<sub>5</sub>,R<sub>6</sub> and R<sub>7</sub> are independently hydrogen, halogen, hydroxy, nitro, C1-C4 lower ester, C1-C4 lower alkyl, C1-C4 lower thioalkyl, substituted or unsubstituted C<sub>3</sub>-C<sub>6</sub> cycloalkyl, C1-C4 lower alkoxy, C1-C4 lower thioalkoxy, substituted or unsubstituted aryl, substituted or unsubstituted lower arylalkoxy, substituted or unsubstituted lower alkylamino, or lower alkyl substituted or unsubstituted carbamate; or among R<sub>3</sub>, R<sub>4</sub>,R<sub>5</sub>,R<sub>6</sub> and R<sub>7</sub>, two adjacent groups are bonded with each other to form 1,2-phenylene or 2,3-naphthylene; X is oxygen sulfur, or substituted or unsubstituted imino; Y is bonded wherein at the 3-position or 4-position of the aromatic ring part wherein Y is oxygen or -NR<sub>8</sub>-(wherein, R<sub>8</sub> is the same with the above-mentioned R<sub>3</sub>); Z is hydroxy, C1-C4 lower alkoxy, C1-C4 lower thioalkoxy, substituted or unsubstituted aryloxy, C1-C4 lower alkylamino, substituted or unsubstituted cycloamino containing 1-5 nitrogen atoms; A is nitrogen or -CH=; and Lie is leaving group such as halogen atom, sulphonyl and the like.

(Complete Specification 123 Pages      Drawing -- Sheets)

Indian Classification	:	185 C & E.	187299
International Classification <sup>4</sup>	:	B 01D-039/04 + 210/490.	
Title	:	<b>"AN IMPROVED PROCESS FOR THE MANUFACTURE OF TEA".</b>	
Applicant	:	COUNCIL FO SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi –110 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inv entors	:	RAVINDRANATH SRIGIRIPURAM DESIKACHAR HARSH PRATAP SINGH-ALL INDIAN.	

Application for Patent Number 2785/DEL/97 filed on 30.09.97.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi - 110 008.

(05- Claims )

An improved process for the manufacture of tea which comprises:

- a) plucking tea shoots by conventional or mechanical methods,
- b) spreading the said plucked shoots on any hard biocompatible surface, to make upto 9 cm thick layer,
- c) pre-treating the above said layer at a pressure of 50-100 gm/m<sup>2</sup>, at minimum interval pf one second for a period 4-6 hours,
- d) spreading the said layer and circulating the ambient air till 30-55% weight is lost to obtain withered material,
- e) rolling the withered material, fermenting and drying by any conventional method to obtain tea.

(Complete Specification 11 Pages      Drawing --      Sheets)

Indian Classification	:	55 E4	187300
International Classification <sup>4</sup>	:	A 61 K 31/00,	
Title	:	<b>"AN IMPROVED PROCESS FOR THE PRODUCTION OF GLUTARYL-7-AMINO CEPHALOSPORIC ACID."</b>	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-100 001, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860) and HINDUSTAN ANTIBIOTICS LIMITED, Pimpri, Pune 411 018, Maharashtra, India, an Indian Company owned by the Indian Government having Registered Office at Pimpri, Pune-411 018, Maharashtra, India.	
Inventors	:	JAI PRAKASH GANPATRAO SHEWALE, SALIM KASAM MUJAWAR, ARIKA KOTHA, CHELANATTU KHIZHAKKE MADATH RAMAN RAJAN, SURENDRA PONRATHNAM- ALL INDIAN.	

Application for Patent Number 2945/DEL/97 filed on 14.10.1997.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 005.

(04 Claims )

An improved process for the production of glutaryl-7-Amino cephalosporanic acid, which comprises suspending D-Amino acid oxidase immobilized on crosslinked glycidyl methacrylate-divinyl benzene copolymers in phosphate buffer, adding to this suspension the solution of cephalosporin C, agitating the resultant reaction mixture at rpm between 150 to 250, maintaining a temperature in the range of 20 to 24°C, aerating the reaction mixture, maintaining the pH between 7.6 to 7.8 by conventional method followed by separation of the immobilized D-Amino acid oxidase and recovering the glutaryl-7-amino cephalosporanic acid by conventional methods.

(Complete Specification Pages 22 Drawing -- Sheet)

Indian Classification	:	145 E	187301
International Classification <sup>4</sup>	:	B29c 67/20; A47K 7/02; A47L – 13/07, 13/16, 17/08.	
Title	:	<b>"AN IMPROVED PROCESS FOR PRODUCING SYNTHETIC CELLULOSE SPONGE".</b>	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg New Delhi 110 001, India, an Indian registered body incorporated under the Registration of Societies Act.	
Inventors	:	KULDEEP KUMAR KAUL-INDIA.	

Application for Patent Number 1196/DEL/93 filed on 28.10.93

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office  
Branch, New Delhi – 110 005

(11- Claims )

1. An improved process for producing synthetic cellulose sponge which comprises:
  - a) derivatising the cellulose in a conventional way to Xanthate (Viscose), followed by adding gas forming substances such as herein described in an amount 0.1 to 10 parts per 100 parts of viscose,
  - b) heating the resultant of step(a) with a meltable inorganic salt crystals having high water of crystallization, at a temperature 20-60°C above their melting point,
  - c) cooling the resultant molten mass to a temperature in the range of 0-35°C,
  - d) spraying water over anhydrous sodium sulphate in an amount equivalent of 3-30 moles/mol of salt and allowing it to set,
  - e) reducing the sizes of the resulting hardened material to a size of -2 mesh to +10 mesh,
  - f) incorporating 100 to 1500 parts of resultant obtained in step (e) to 100 parts of the derivatised cellulose as obtained in (a)above,
  - g) adding to the said mixture obtained in step (f) 1 to 20 parts of vegetable or synthetic fibres and selected alkali resistant colouring pigments,
  - h) kneading the resultant viscose mixture thoroughly and moulding it into a desired shape,
  - i) heating the shaped material to a temperature in the range of 40°C to 120°C to regenerate the cellulose,
  - j) washing by known methods to remove the dissolved salts to obtain synthetic cellulose sponge.

(Complete Specification 23 Pages      Drawing --      Sheets)

Indian Classification : 80A 187302

International Classification<sup>4</sup> : B01D 29/32, 39/20

Title : **"INORGANIC FILTRATION UNIT COMPRISING AT LEAST ONE INTEGRATED NETWORK FOR CIRCULATION OF A LIQUID MEDIUM TO BE TREATED AND/OR OF THE RECOVERED FILTERATE".**

Applicant : T.A.M.I. INDUSTRIES, a French company, of Z.A. Les Laurons, 26110 Nyons, France.

Inventors : PHILIPPE LESCOCHE-FRANCE.

Application for Patent Number 1425/DEL/93 filed on 17.12.93

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 005

(09- Claims )

Inorganic filtration membrane for recovering a filtrate said membrane comprising at least one inorganic, rigid, porous structure having first and second principal faces provided opposite each other, at least one cavity being provided in said porous structure at a distance from said two faces defining bearings, said cavity or said principal faces being coated with at least one separating layer;

characterized in that said porous structure comprises at least one channel with tight walls opening out on said two faces and provided to traverse said bearing for constituting a first circular network tight with respect to said cavity.

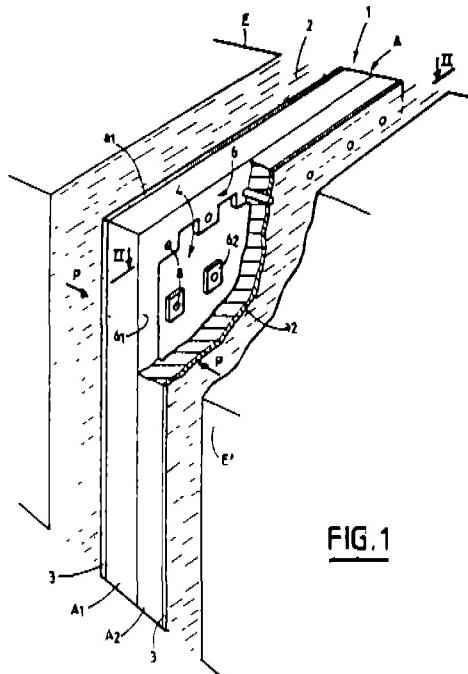


FIG. 1

Indian Classification : 129 G 187303

International Classification : C 21D 8/00

Title : "A DEVICE USEFUL FOR CREEP RUPTURE TESTING".

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110001, India, an Indian registered body incorporated under the Registration of Societies Act.

Inventors : GURDEV JAURA – INDIA.

Application for Patent Number 1468/DEL/93 filed on 28.12.93.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.

( 2 Claims )

A device useful for creep rupture testing which comprises a thin walled cylindrical tube made of specimen (4), both ends of the said cylindrical tube (4) being provided with removably fixed snug plugs (3), the said cylindrical tube (4) being removably fixed to upper and lower holder (s) (1) and to a strain gauge (7) by means of wedge(s) (2), the said holders having means such as threads to fix the device to a standard creep testing machine.

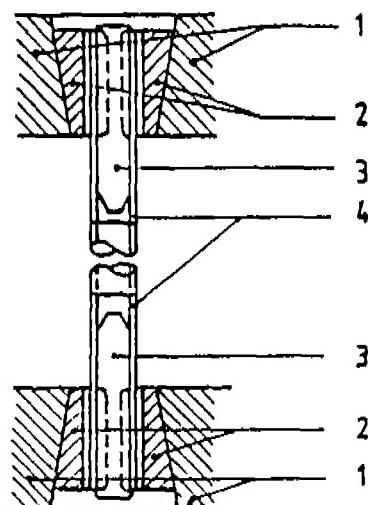


Fig 1

(Complete Specification 7 Pages

Drawing – 3 - Sheets)

Indian Classification : 27 I 187304

International Classification<sup>4</sup> : G 01 N 3/00

Title : "AN EQUIPMENT USEFUL FOR REPEATED IMPACT FATIGUE TESTING"

Applicant : Council of Scientific and Industrial Research,  
Rafi Marg, New Delhi –110001, India, an Indian Registered body incorporated under the Registration of Societies Act (Act XXI of 1860).

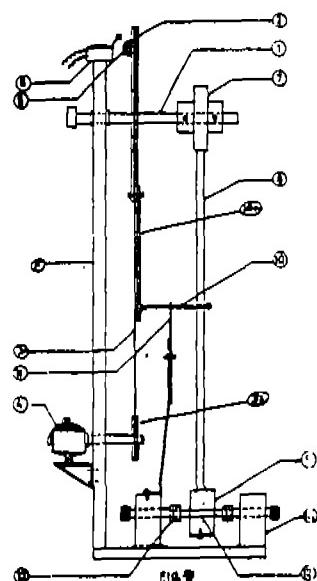
Inventors : SOUMEN MAITY-INDIA  
ASHIM KUMAR CHAKRABORTY-INDIA  
KALYAN KUMAR PHANI-INDIA  
BIJIT KUMAR SARKAR-INDIA

Application for Patent Number 165/Del/94 filed on 14.2.1994.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008

(02 Claims)

A equipment useful for repeated impact fatigue testing which comprises vertical stand (F), a horizontal shaft (1) being rotated by fixed at one end rear the top end of the said stand, a circular disc (2) being fixed on the said shaft (1), the said circular disc (2) being connected by chain & pulley (3a, 3 b) to a prime mover (4), a trigger (5) being attached to the periphery of the said circular disc (2) in such a manner so as to activate a microswitch (6) fixed on the frame (F), the said microswitch (6) being connected to a counter which registers the number of revolutions of the said circular disc (2), a pendulam type hammer (8&9) being provided at the other end of the said shaft (1), the said shaft being movably fixed by bearings (7), a spring loaded pick up arm (10) being movably fixed by means (10a) to the periphery of the said circular disc (2) and to a cam (11) the outer end of the said pick up arm being placed in such a manner so as to provide a swinging motion to the shaft (8) of hammer (9), test specimen (12) being placed in line of motion of hammer (9) and held horizontally by cup shaped grip and platform (13,14) at the base of the said stand (F), a damping mechanism (15,16,17) being provided for preventing repetitive blows of the said hammer (9) after a single impact.



(Complete Specification 13 Pages Drawing Sheet – 3 Sheets )

Indian Classification	:	55E <sub>4</sub>	187305
International Classification <sup>4</sup>	:	A61 K 31/00	
Title	:	<b>“A PROCESS FOR THE PREPARATION OF A STABLE ORAL PHARMACEUTICAL COMPOSITION CONTAINNING A SUBSTITUTED PYRIDYLSULFINYL BENZIMIDAZOLE”.</b>	
Applicant	:	RANBAXY LABORATORIES LIMITED, a company incorporated under the companies act, 1956 of 19, Nehru Place, New Delhi-110 019.	
Inventors	:	DILIPKUMAR THACHARODI-INDIA. ASHOK RAMPAL-INDIA.	

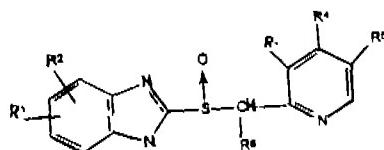
Application for Patent Number 3801/DEL/97 filed on 29.12.97

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972)  
Patent Office Branch, New Delhi – 110 005.

(10- Claims )

A Process for the preparation of a stable oral pharmaceutical composition comprising:

(a) A substituted pyridylsulfinyl benzimidazole of the formula shown in figure 1



of the accompanying drawings wherein R<sub>1</sub> and R<sub>2</sub> are the same or different and are selected from the group consisting of hydrogen, lower alkyl, halogen, carbomethoxy, carbethoxy, lower alkoxy, and lower alkanoyl in any position R<sub>6</sub> is selected from the group consisting of hydrogen, methyl and ethyl, R<sub>3</sub> and R<sub>5</sub> are the same or different and are each selected from the group consisting of hydrogen, methyl, methoxy, ethoxy, methoxyethoxy, and ethoxyethoxy; and R<sub>4</sub> is methoxy, ethoxy, methoxyethoxy and ethoxyethoxy, whereby R<sub>3</sub>, R<sub>4</sub> and R<sub>5</sub> are not all hydrogen.

(b) a carrier comprising of one or more of pharmaceutically acceptable polymer(s) that is/are obtained by polymerisation of monomers at least one of which is vinylpyrrolidone, wherein the carrier is present in an amount from 10% to 98% by weight of the total weight of the composition and optionally containing conventional pharmaceutical excipient(s).

(Complete Specification 16 Pages      Drawing 01 Sheets)

Indian Classification	:	55E4,60X2b.	187306
International Classification <sup>4</sup>	:	A61K 31/00, A61K 9/00.	
Title	:	<b>"PROCESS FOR THE PREPARATION OF PARENTERAL WATER MISCELLY INJECTABLE COMPOSITION OF NON-STEROIDAL ANTI-INFLAMMATORY DRUGS".</b>	
Applicant	:	PANACEA BIOTEC LIMITED, of 102, Ashok plaza, 24, School lane, New Delhi-110 001, A company registered under the Companies Act, 1956.	
Inventors	:	<b>AMARJIT SINGH-INDIA, RAJESH JAIN-INDIA.</b>	

Application for Patent Number 0056/DEL/98 filed on 12.01.98

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 005

(10- Claims)

A process for the preparation of parenteral water-miscible injectable pharmaceutical composition comprising:

- (i) 0.1 to 10.0% w/v of at least one Non-steroidal anti-inflammatory drug (NSAID) belonging to cyclo-oxygenase-2 inhibitory category
- (ii) 2.0 to 95.0 % w/v Alkyl amides/Alkyl sulphoxide and /or pyrrolidones, as herein described
- (iii) 0.1 to 95.0 % w/v of Glycol (s)
- (iv) 0 to 20% of water.

The process comprises the following steps:

- a. Dissolving the NSAID in alkyl amides/Alkyl sulphoxide and/or pyrrolidones and adding thereto Benzyl alcohol while stirring.
- b. Adding to the resultant solution Glycol(s) and mixing.
- c. Adding to the solution Hydrochloric acid solution slowly and adding thereto a further quantity of Glycol(s) to make volume up to 85% of the batch.
- d. Adding to the resultant solution sodium hydroxide/hydrochloric acid to adjust pH and adding further quantity of Glycol(s) to make volume upto 100% of the batch.
- e. Filtering the solution and filling the filtered solution in containers and subjecting the filled containers to terminal sterilization by conventional manner.

(Complete Specification 15 Pages      Drawing --      Sheets)

Indian Classification : 55E<sub>4</sub> 187307

International Classification<sup>4</sup> : A61K 31/00

Title : **"PROCESS FOR THE PREPARATION OF CEPHALEXIN HYDROCHLORIDE MONOHYDRATE IN AN AMORPHOUS FORM".**

Applicant : RANBAXY LABORATORIES LIMITED ,a company incorporated under the Companies Act,1956 of 19, Nehru Place New Delhi-19, India.

Inventors : YATENDRA KUMAR,-INDIA.  
SATYANANDA MISRA-INDIA.  
JAG MOHAN KHANNA-INDIA.

Application for Patent Number 0060/DEL/98 filed on 12.1.98.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 005.

(07- Claims )

A process for the preparation of Cephalexin hydrochloride monohydrate in an amorphous form which comprises dissolving cephalexin monohydrate in water, adding aqueous hydrochloric acid and recovering Cephalexin hydrochloride monohydrate from the said solution by a spray drying or freezing drying technique.

(Complete Specification 09 Pages      Drawing 06      Sheets)

Indian Classification : 55 E 187308

International Classification<sup>4</sup> : C07C, 85/00

Title : "AN IMPROVED PROCESS FOR THE PREPARATION OF AMINES FROM AZIDES."

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-110001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).

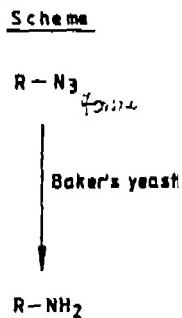
Inventors : AHMED KAMAL - INDIA  
YALAMAI DAMAYANTHI - INDIA  
BURULA LAXMINARAYANA - INDIA  
BOLLU SATYANARAYAN REDDY - INDIA

Application for Patent Number 108/Del/98 filed on 16<sup>th</sup> Jan. 1998.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 005.

( 5 Claims )

An improved process for the preparation of amines of formula 1,



Formula 1

wherein R represents unsubstituted or substituted alkyl or aryl groups, from azides compound which comprises :

- i} reacting an azide of general formula RN<sub>3</sub> where R has the same meaning as given above with a biocatalyst such as bakers yeast at temperature in the range of 25 – 40° C,
- ii} extracting the reaction mixture with aprotic solvents or water immisive solvents,
- iii} separating the organic and aqueous phases,
- iv} drying the organic phase, purifying the residue by conventional methods such as conventional chromatography to obtain the desired amine.

Indian Classification	:	55E4	187309
International Classification <sup>4</sup>	:	A 61K 31/00	
Title	:	<b>"A PROCESS FOR THE PREPARATION OF A NOVEL PROTEIN HAVING ANTICOAGULANT AND THROMBOLYTIC PROPERTY".</b>	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg New Delhi 110 001, India, an Indian registered body incorporated under the Registration of Societies Act.	
Inventors	:	DIBAKAR CHAKRABARTY-INDIA. DEBASISH BHATTACHARYYA-INDIA.	

Application for Patent Number 499/DEL/98 filed on 26.2.98

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 005  
(03- Claims )

A process for the preparation of a novel protein having anticoagulant and thrombolytic property characterized by 73 kilo Dalton molecular weight which comprises fractionating venom of snake preferably Russell's viper snake by known ion exchange and high performance liquid chromatography methods to obtain a purified protein, heating the purified protein so obtained to a temperature in the range of 50 to 100 degree C, followed by cooling to obtain the novel anticoagulant and thrombolytic protein.

:  
(Complete Specification 19 Pages      Drawing --      Sheets)

Indian Classification : 55 E 187310  
4  
International Classification : A 61K 31/00  
Title : " PROCESS FOR THE PREPARATION OF AN ANTI-SPASMODIC COMPOSITION TO BE USED AS INJECTION "  
Applicant : PANACEA BIOTEC LIMITED, of B-1 Ext. / A-27, Mohan Co-operative Industrial Estate, Nathura Road, New Delhi – 110044, A Company incorporated under the Companies Act, 1956.  
Inventors : AMARJIT SINGH –India.

Application for Patent Number 289/DEL/2 w/c filed on 22.3.2000.

Divisional out of Patent Application No.792/Del/96 filed on 12.4.96.  
Ante dated to 12.4.96.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.

( 9 Claims )

A process for the preparation of a synergistic anti-spasmodic composition to be used as injection which comprises distilling Benzyl alcohol as pain reducer and dissolving it in a solvent propylene glycol, separately dissolving Diclofenac or its salts, in water, mixing the said pain reducer solution with the Diclofenac or its salts solution to form a dissolved mixture, mixing pitofenone hydrochloride with said dissolved mixture and adding thereto Fenziverinium bromide to form the desired injectable composition wherein Diclofenac or its salts, pitofenone hydrochloride and Fenziverinium bromide are present in the following proportions :

Diclofenac or its salts .. from 1.0 to 10 % w/v.  
Pitofenone hydrochloride .. from 0.05 to 2.0 % w/v.  
Fenziverinium bromide .. from 0.001 to 0.2 % w/v.

Ind. Cl. : 55 E<sub>4</sub>

187311

Int. Cl<sup>4</sup> : C 07 D 215/00.

A PROCESS FOR THE PREPARATION OF 7[1-(ALKOXY-CARBONYL) PROPYL] 5b, 6, 7, 8, 9, 11-HEXAHYDRO-8-(ALKOXYCARBOCYL) INDOLIZINO (1, 2-b) QUINOLINE-9-ONE

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT, INDIA

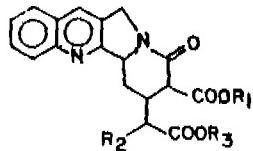
Inventor(s) : SUBHASH PRATAPRAO CHAVAN-INDIA, MEENAKSHISUNDARAM VENKATARAMAN-INDIA.

Application for Patent No. 2977/Del/96 filed on 30.12.96.

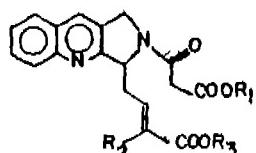
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

5 Claims

A process for the preparation of 7[1-alkoxy carbocyl) propyl] 5b, 6, 7, 8, 9, 11-hexahydro-8-(Alkoxycarbocyl) indolizino (1, 2b) quinoline-9-one of general formula 8



wherein R<sub>1</sub> = R<sub>3</sub>-alkyl group and R<sub>2</sub> = H or alkyl group, which comprises of mixing compound of formula 7



7

wherein R<sub>1</sub>=R<sub>3</sub>=alkyl group 8 R<sub>2</sub>=H or alkyl, a conventional base in the presence of a conventional solvent at a temperature in the range —78°C to ambient temperature for 30 to 60 minutes, quenching the resultant mixture with ammonium chloride, extracting the product by an organic solvent, and purifying by column chromatography using conventional methods.

(Complete Specification : 8 Pages. Drawing Sheet : 1)

Ind. Cl. : 55 E

187312

Int. Cl. : A61K 31/21.

A PROCESS FOR THE PREPARATION OF ALKYL-2-CARBAKOXYACETYL-1, 3-DIHYDRO-2H-PYRROLO-

[3, 4B]-QUINOLINE-3-[(2-ALKYL)-2-BUTENOATE].

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT, INDIA.

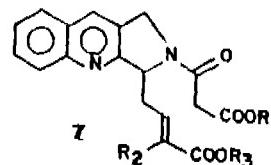
Inventor(s) : SUBHASH PRATAPRAO CHAVAN-INDIA, MEENAKSHISUNDARAM VENKATRAMAN-INDIA.

Application for Patent No. 2978/Del/96 filed on 30.12.96.

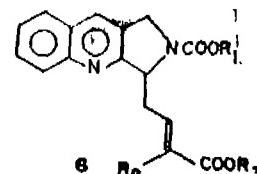
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

6 Claims

A process for the preparation of alkyl-2-carba-koxyacetyl 1, 3-dihydro-2H-pyrrolo [3, 4-b] quinoline-3- [(2-alkyl-2-butenoate] of general formula 7



Wherein R<sub>1</sub>=R<sub>3</sub> = alkyl group and R<sub>2</sub> is H or alkyl group, which comprises of reacting alkyl-2-(alkoxy carbonyl)-1, 3 dihydro-2H-pyrrolo (3, 4-b) quinoline-3-[(2-alkyl-2-butenoate] of general formula 6



Wherein R<sub>1</sub> = R<sub>3</sub> = alkyl, benzyl group and R<sub>2</sub> = H or alkyl group with a deprotecting agent in presence of an organic solvent at an ambient temperature for 30 to 60 minutes, concentrating and mixing with an acid chloride in the presence of a conventional base for 60 to 180 minutes, quenching with water, extracting with a solvent and purifying by conventional column chromatography to obtain the alkyl-2-carba-koxyacetyl 1, 3-dihydro-2H-pyrrolo [3, 4-b] quinoline-3-[(2-alkyl)-2-butenoate].

(Compl. Specn. : 8 Pages.

Drg. Sheet : 1)

Ind. Cl. : 55 E<sub>4</sub> & 170 A.

187313

Int. Cl. : A61K 31/00 & C11D 1/00.

AN ENZYMATIC PROCESS FOR THE PREPARATION OF FATTY ACID HYDROXY ACID ESTER.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-

110001, INDIA. (AN INDIAN REGISTERED BODY, INCORPORATED UNDER REGISTRATION OF SOCIETIES ACT, ACT XXI OF 1860)

Inventor(s) : KONDABAGILU RAJANNA KIRAN, NAYAKANAKATTE GANESH KARANTH, SOUNDAR DIVAKAR—ALL INDIAN

Application for Patent No. 1978/Del/98 filed on 10.07.98.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110008.

8 Claims

An enzymatic process for the preparation of fatty acid hydroxy acid ester such as palmitoyl lactic acid which comprises reacting respective long chain fatty acid and hydroxy acid in equimolar amounts in presence of lipase in the range of 10-166 gMole<sup>-1</sup> and solvents such as ethylmethyl ketone, methylisobutyl ketone under agitation and recovering the corresponding ester by conventional methods such as herein described.

(Compl. Specn. : 15 Pages Drng. Sheet : Nil)  
Ind. Cl. : 34a. 187314  
Int. Cl.<sup>4</sup> : A 61 K—9/38.

#### A METHOD OF PREPARING A PLASMA-PROTEIN-CONTAINING MEDICAMENT.

Applicant : IMMUNO AKTIENGESELLSCHAFT, AN AUSTRIAN COMPANY OF INDUSTRIESTRASSE 67, A-1221 VIENNA, AUSTRIA.

Inventor(s) : WOLFGANG TESCHNER—GERMAN, YENDRA LINNAU—AUSTRIAN, SONJA HERBSTHOFFER—AUSTRIAN & HERWIG IGEL—AUSTRIAN.

Application for Patent No. 2622/Del/97 filed on 15.09.97.

Convention date : 16.9.96; A-1633/96; AUSTRIA.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005

11 Claims

A method of preparing a plasma-protein-containing medicament from citrated plasma or from a citrate-containing plasma fraction, which medicament is substantially free from undesired metals and also does not take up any metals when stored in metal-containing containers, said method comprising the following steps :

exchanging in a manner such as herein described the citrate and optionally citrate-bound metals in a plasma-protein-containing solution for a water-

soluble mono-or dicarboxylate or for an organic mono-or dicarboxylic acid under non-precipitating conditions,

- recovering from solution by any known manner the plasma protein or the plasma proteins, and
- preparing from so obtained plasma protein(s) the medicament preferably by adding thereto citrate-free components to obtain the medicament.

(Compl. Specn. 16 Pages Drng. Sheet : Nil)  
Ind. Cl. : 32 E, 55 F. 187315  
Int. Cl<sup>4</sup> : C08F 220/00, C12N 11/00

#### AN IMPROVED PROCESS FOR THE PREPARATION OF NOVEL CROSSLINKED MACROPOROUS GLYCIDYL METHACRYLATE-PENTAERYTHRITOL TRIACRYLATE COPOLYMERS.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, (AN INDIAN REGISTERED BODY, INCORPORATED UNDER REGISTRATION OF SOCIETIES ACT, (ACT XXI OF 1860). AND HINDUSTAN ANTIBIOTICS LIMITED, PIMPRI, PUNE- 411018, MAHARASHTRA, INDIA, AN INDIAN COMPANY OWNED BY THE INDIAN GOVERNMENT HAVING REGISTERED OFFICE AT PIMPRI, PUNE-411018, MAHARASHTRA, INDIA.

Inventor(s) : JAI PRAKASH GANPATRAO SHEWALE, PRAKASH SHANKAR CHANNE, VARSHA BHIKOBA GHADGE, CHELANATTU KHIZAKKE MADATH RAMAN RAJAN, SURENDRA PONRATHNAM—ALL INDIAN.

Application for Patent No. 2937/Del/97 filed on 14.10.97.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

07 Claims

An improved process for the preparation of novel crosslinked macroporous glycidyl methacrylate-pentaerythritol triacrylate copolymers useful for the immobilization of milk clotting protease, which comprises of polymerizing glycidyl methacrylate and pentaerythritol triacrylate in an inert atmosphere, in the presence of a conventional protective colloid, a porogen, and a polymerization initiator, in an aqueous media, heating the polymerization reaction mixture at a temperature in the range of 70°C to 80°C for a period ranging from 2 to 4 hours, isolating the product by conventional methods such as herein described washing the resulting copolymer with water followed by a protic solvent followed by drying the said crosslinked macroporous glycidyl methacrylate-pentaerythritol triacrylate copolymers at a temperature below 50°C.

(Compl. Specn. : 14 Pages Drng. Sheet : Nil)

Ind Cl 83 A,

187316

Int Cl<sup>4</sup> A 01 J 25/00 27/00

**AN IMPROVED PROCESS FOR THE PRODUCTION  
OF IMMOBILIZED MILK CLOTTING PROTEASE**

Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA (AN INDIAN REGISTERED BODY, INCORPORATED UNDER REGISTRATION OF SOCIETIES ACT, ACT XXI OF 1860) AND HINDUSTAN ANTIBIOTICS LIMITED, PIMPRI, PUNE- 411018 MAHARASHTRA, INDIA, AN INDIAN COMPANY OWNED BY THE INDIAN GOVERNMENT HAVING REGISTERED OFFICE AT PIMPRI, PUNE-411018, MAHARASHTRA, INDIA

Inventor(s) JAI PRAKASH GANPATRAO SHEWALE, PRAKASH SHANKAR CHANNE, VARSHA BHIKOBHA GHADGE CHELANATTU KHIZHAKKE MADATH RAMAN RAJAN, SURENDRA PONRATHNAM—all INDIAN

Application for Patent No 2936/Del/97 filed on 14 10 97

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005

**04 Claims**

An improved process for the production of immobilized milk clotting protease useful for the preparation of cheese which comprises suspending crosslinked macroporous glycidyl methacrylate-pentaerythritol triacrylate copolymers, in acetate buffer, adding the milk clotting protease solution obtained in a manner as herein described, agitating the immobilization reaction mixture in the range of 90 to 150 rpm, maintaining a temperature in the range of 25 to 28°C for a period ranging from 16 to 20 hours, isolating the immobilized milk clotting protease by filtration

(Compl Specn 16 Pages

Drg Sheet Nil)

Ind Cl 55 L<sub>1</sub>

187317

Int Cl<sup>4</sup> A 61 K 31/00

**A PROCESS FOR PREPARATION OF 4-[2-ETHOXY-5-(4-METHYLPIPERAZIN-1-YLSULPHONYL) BENZAMIDOL]-1-METHYL-3-N-PROPYLPYRAZOLE-5-CARBOXAMIDE-[AN INTERMEDIATE TO SILDENAFIL]**

Applicant PEZER RESEARCH AND DEVELOPMENT COMPANY, N V/S A., A CORPORATION ORGANIZED UNDER THE LAWS OF BELGIUM, OF LA TOUCHE HOUSE, INTERNATIONAL FINANCIAL SERVICES CENTRE, DUBLIN 1, IRELAND

Inventor(s) PETER JAMES DUNN—U K & ALBERT SHAW WOOD—U K

Application for Patent No 517/Del/2001 filed on 24 04 2001

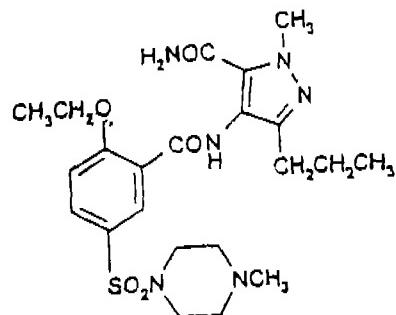
Convention Date 14 06 1996, 9612514 1, U K

Divided out of Patent application Number 1548/Del/97 filed on 10 06 97.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005

**03 Claims**

A process for preparation of 4-[2-Ethoxy-5-(4-methylpiperazin-1-ylsulphonyl) benzamidol]-1-methyl-3-n-propylpyrazole 5-carboxamide of formula (II)



Wherein said process comprises reacting N,N'-carbonyldiimidazole and 2-Ethoxy-5-(4-methylpiperazin-1-ylsulphonyl) benzoic acid in a solvent, preferably an ester, followed by heating the resulting mixture at about 55°C for about 0.5 hr, followed by refluxation for an additional duration of about 2 hours followed by cooling, preferably to room temperature in step-1, and reacting the resulting reaction mixture from step-1 with 4-Amino-1-methyl-3-n-propylpyrazole-5-carboxamide, preferably in additional amount of said solvent in step-2, and stirring the resulting reaction mixture from said step-2 preferably at room temperature for about 72 hours or till a solid compound of formula II is obtained and said compound of formula (II) is isolated and purified as described hereinbefore, wherein N,N'-Carbonyldiimidazole is taken in an amount of about 1.30 mol and 2-Ethoxy-5-(4-methylpiperazin-1-ylsulphonyl) benzoic acid is taken in an amount of about 1.30 mol in said step-1, and 4-Amino-1-methyl-3-n-propylpyrazole-5-carboxamide is taken in an amount of about 1.12 mol

(Compl Specn 30 Pages

Drg Sheet Nil)

Ind Cl 55 E<sub>4</sub>

187318

Int Cl<sup>4</sup> A 61 K 31/00

**A PROCESS FOR PREPARATION OF 5-[2-ETHOXY-5-(4-METHYLPIPERAZIN-1-YLSULPHONYL) PHENYL]-1-METHYL-3-N-PROPYL-1,6-DIHYDRO-7H-PYRAZOLO[4,3-D]PYRIMIDIN-7-ONE[SILDENAFIL]**

Applicant PEZER RESEARCH AND DEVELOPMENT COMPANY, N V/S A., A CORPORATION ORGANIZED UNDER THE LAWS OF BELGIUM, OF LA TOUCHE HOUSE, INTERNATIONAL FINANCIAL SERVICES CENTRE, DUBLIN 1, IRELAND

Inventor(s) PETER JAMES DUNN—U K & ALBERT SHAW WOOD—U K

Application for Patent No 518/Del/2001 filed on 24 04 2001

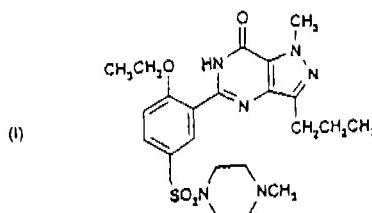
Convention Date 14 06 1996 9612514 1, U K

Divided out of Patent application Number 1548/Del/97 filed on 10 06 97

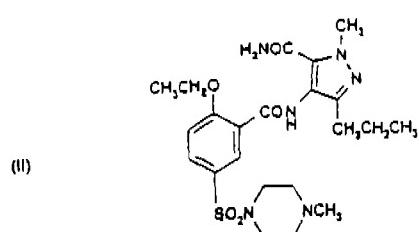
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005

#### 04 Claims

A process for preparation of 5-[2-Ethoxy-5-(4-methylpiperazin-1-ylsulphonyl) phenyl]-1-methyl-3-n-propyl 1, 6-dihydro-7H-pyrazolo[4,3 d]pyrimidin-7-one of formula (I)



Wherein said process comprises cyclisation of "4-[2-ethoxy-5(4-methylpiperazin-1-ylsulphonyl) benzamidol]-1-methyl-3-n-propylpyrazole-5-carboxamide" of formula (II)



Wherein said cyclisation is carried out by heating a compound of formula II at a temperature between 180 to 220°C for from 0.5 to 72 hours, under neutral conditions, preferably in the presence of a solvent optionally selected from the group consisting of 1,2-dichlorobenzene, dimethyl sulphoxide, sulpholane, N-methylpyrrolidin-2-one and pyrrolidin-2-one, and mixtures thereof and/or in the presence of dehydrating agent optionally selected from the group consisting of anhydrous potassium carbonate, anhydrous sodium carbonate, anhydrous magnesium sulphate, anhydrous sodium sulphate, phosphorus pentoxide and molecular sieves, wherein said compound of formula (I) is isolated and purified as described hereinbefore

(Compl Spec 30 Pages

Ding Sheet Nil

Ind Cl 55 E<sub>4</sub>

187319

Int Cl<sup>+</sup> A 61 K 31/00

A PROCESS FOR PREPARATION OF 5-[2 ETHOXY-5-(4-METHYLPIPERAZIN-1-YLSULPHONYL) PHENYL]-1 METHYL-3-N-PROPYL-1, 6-DIHYDRO-7H-PYRAZOLE[4,3-D] PYRIMIDIN-7-ONE[SILDENAFIL]

9-507 GI/2001

Applicant PFIZER RESEARCH AND DEVELOPMENT COMPANY, N V/S A., A CORPORATION ORGANIZED UNDER THE LAWS OF BELGIUM, OF A TOUCHE HOUSE, INTERNATIONAL FINANCIAL SERVICES CENTRE, DUBLIN 1, IRELAND

Inventor(s) PETER JAMES DUNN—U K & ALBERT SHAW WOOD—U K

Application for Patent No 519/Del/2001 filed on 24 04 2001

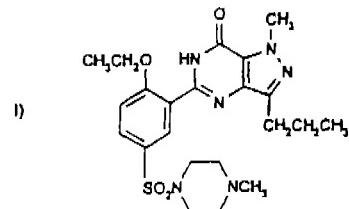
Convention Date 14 06 1996, 9612514 1, U K

Divided out of Patent application Number 1548/Del/97 filed on 10 06 97

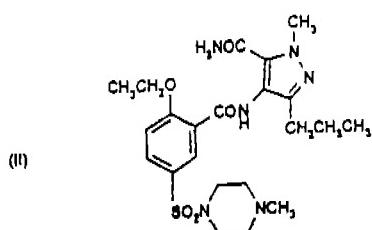
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005

#### 03 Claims

A process for preparation of 5-[2-Ethoxy-5-(4-methylpiperazin-1-ylsulphonyl) phenyl]-1-methyl-3-n-propyl-1, 6-dihydro-7H-pyrazolo[4,3-d]pyrimidin-7-one of formula (I)



Wherein said process comprises cyclisation of "4-[2-ethoxy-5(4-methylpiperazin-1-ylsulphonyl) benzamidol]-1-methyl-3-n-propylpyrazole-5-carboxamide" of formula (II)



Wherein said cyclisation is carried out under acidic conditions, preferably in a solvent at a temperature between 65 to 210°C for from 6 to 300 hours, wherein said acidic conditions are achieved optionally by employing an acid selected from the group consisting of protic acids or Lewis acids, wherein said protic acid is selected from the group consisting of an inorganic acid, an organo-sulphonic acid, an organo-sulphonic acid and an organo-carboxylic acid, said Lewis acid is selected from the group consisting of boron trifluoride, boron trichloride, boron tribromide, aluminium chloride, aluminium bromide, silicon tetrachloride, silicon tetrabromide stannic chloride, stannic bromide, phosphorus pentachloride, phosphorus pentabromide, titanium tetrafluoride, titanium tetrachloride, titanium tetrabromide, ferric chloride, zinc fluoride, zinc chloride, zinc bromide, zinc iodide mercury

chloride, or acetic fluoride, and mercuric iodide; and said solvent is selected from the group consisting of a C<sub>1</sub>-C<sub>4</sub> alkane, a C<sub>1</sub>-C<sub>4</sub> cycloalkane, a C<sub>1</sub>-C<sub>4</sub> alkanoic acid, a C<sub>1</sub>-C<sub>4</sub> alkanol, a C<sub>1</sub>-C<sub>4</sub> alkanoate, a C<sub>1</sub>-C<sub>4</sub> alkyl ether, 1,2-dimethoxyethane, 1,2-diethylxethane, glycerine, tetrahydrofuran, 1,4-dioxan, benzene, toluene, xyrene, 1,4-tetrahydronaphthalene, nitrobenzene, dichloromethane, dibromomethane, 1,2-dichloroethane, carbon tetrachloride, dimethyl sulphoxide, sulphur dioxide, formic acid, dimethylacetamide, N-methylpyrrolidin-2-one, 1,3-propanone, and mixtures thereof, wherein said compound of formula (I) is isolated and purified and/or esterified, as before.

(Compl. Specn. : 30 Pages)

Drug Sheet : Nil

Int. Cl. 53 E,

187320

Int. Cl. A 61 K 31/30.

#### A PROCESS FOR PREPARATION OF 2-ETHOXY-5-(4-METHYLPIPERAZIN-1-YL SULPHONYL) BENZOIC ACID [A PRECURSOR FOR PREPARATION OF AN INTERMEDIATE TO SILDENAFIL]

Applicant PFIZER RESEARCH AND DEVELOPMENT COMPANY, N.V/S A., A CORPORATION ORGANIZED UNDER THE LAWS OF BELGIUM, OFFICE LA ROUCHE, HOUSE, INTERNATIONAL FINANCIAL SERVICES CENTRE, DUBLIN 1, IRELAND

Inventor(s) PETER JAMES DUNN—U.K & ALBERT SHAW WOOD—U.K.

Application for Patent No. 520/Del/2001 filed on 24.04.2001.

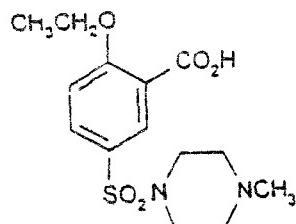
Convention Date, 14.06.1996; 96125141; U.K

Divided out of Patent application Number 1548/Del/97 filed on 10.06.97

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

06 Claims

A process for preparation of 2-Ethoxy-5-(4-methylpiperazin-1-ylsulphonyl) benzoic acid of formula (V)



Wherein said process comprises reacting 5-chlorosulphonyl-2-ethoxybenzoic acid with amine selected from a group consisting of 1-methylpiperazine, triethylamine and mixtures thereof, in a solvent, preferably in a water or acetone at a temperature of about 10°C, whilst maintaining the temperature of the reaction mixture below about 20°C followed by cooling the resulting solution to about 10°C or till precipitation of a solid compound of formula (V) or

double salt of compound of formula (V) starts, characterized in that the said double salt of compound of formula (V) is stirred in water to result in precipitation of a solid compound of formula (V), and said compound of formula V is isolated and purified as described hereinbefore, wherein 5-chlorosulphonyl-2-ethoxybenzoic acid is taken in an amount from 0.13 to 0.19 mol and said amine or mixture thereof is taken in an amount from 0.2 to 0.42 mol.

(Compl. Specn. : 30 Pages.)

Drug Sheet : Nil

#### OPPOSITION PROCEEDINGS

The opposition as entered by M/s. The Procter & Gamble Far East Inc., Japan to the grant of a patent on Application No. 181479 (217/Bom/94) made by M/s. Hindustan Lever Ltd., Mumbai as notified in the Gazette of India, Part III, Section 2 dated 20.6.1998 has been allowed and it is ordered that the application for Patent No. 181479 shall be treated as withdrawn.

An opposition has been entered by Dr. Pralayesh Chatterjee, 100/1, Alipore Road, Calcutta, to grant of a Patent on application No 186245 (2660/Del/97) dated 19.09.1997 made by Ranbaxy Laboratories Limited, New Delhi.

An opposition has been entered by Dr. Pralayesh Chatterjee, 100/1, Alipore Road, Calcutta, to grant of a Patent on application No. 186250 (2745/Del/98) dated 14.09.1998 made by Ranbaxy Laboratories Limited, New Delhi.

An opposition has been entered by M/s. Sun Pharmaceutical Industries Limited, Mumbai 400059 to the grant of a patent on Patent Application No 186587 (583/Bom/1999) made by M/s. Cipla Limited., Mumbai-400008.

#### THE DESIGNS ACT, 2000

##### SECTION 30

##### DESIGN ASSIGNMENT

The following Design stand in the name of WOLF DIETRICH RICHTER registered under the Designs Act, 1911 has been assigned in the Register of Design in the name of WALTER MCNAUGHTAN (pty) LIMITED.

Design Nos.	Class	Name
171131	01	Walter McNaughtan (pty) Limited, trading as "McNaughtan" a South African company registration No. 57/03779/07, of 12 Blair Road, Pinetown, 33610, Kwazulu Natal, Republic of South Africa.
171868	03	03779/07, of 12 Blair Road, Pinetown, 33610, Kwazulu Natal, Republic of South Africa.

The following Design stand in the name of BROOKE BOND LIPTON INDIA LIMITED registered under the designs Act, 1911 has been assigned in the Register of Design in the name of HINDUSTAN LEVER LIMITED.

Design Nos.	Class	Name
171592	05	HINDUSTAN LEVER LIMITED, an Indian Company having its registered office at Hindustan Lever House, 165/166, Backbay Reclamation, Mumbai-400020, Maharashtra, India.
171597	03	

The following Design stand in the name of Mohar Singh Yadav, Sainender Yadav & Jalesh Kumar Yadav registered under the Designs Act, 1911 has been assigned in the Register of Design in the name of Mohar Singh Yadav, Samender Yadav & Kumari Seema Yadav.

Design Nos.	Class	Name
176402		Mohar Singh Yadav, Samender Yadav & Kumari Seema Yadav, all Indians and Partners of Lightron Industries, 64, Nalada Vihar, Maharanji Farm, P. O. Durgapura, Jaipur-302018 (Rajasthan).
181838		

PATENT SEALED ON 22.02.2002

182861 185639\*D 185640\*D 186175\* 186232 186257\*  
 186281\* 186282 186285\*D 186286\*D186287\*D 186291  
 186292\* 186293 186295 186296\* 186297\*F 186298\*D  
 186299\*D 186300\*D 186306\* 186308 186315\*D  
 186320\*F

KOL-02, DEL-15, MUM-07, CHEN-NIL

\* Patent shall be deemed to be endorsed with words LICENSE OF RIGHT under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D=Drug Patents

F=Food Patents

#### REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 17(1) of the Design Act, 2000

The date shown in the each entries in the date of registration included in the entries.

Class 03 No 184931. The Procter & Gamble Company, of One Procter & Gamble Plaza, Cincinnati, State of Ohio, U.S.A. "CONTAINER". 1 Sept 2000 (U.K.) Reciprocity.

Class 03	No. 184335, 184336 M/s. Aerolite Industries of 5, Sati Industrial Estate, I.B. Patel Road, Goregaon (East), Mumbai-400063. "BELL". 2nd January 2001.
Class 03	No. 184337, 184338. Manak Chand of 41-A, Virwanji Industrial Estate, Goregaon (East), Mumbai-400063, "BALL PEN" 2nd January 2001.
Class 01	No. TTK Prestige Ltd. Brigade Towers, 135 Brigade Road, Bangalore-560025, Karnataka, India. "PRESSURE COOKER HANDLES" 18th January 2001.
Class 01	No. 184600 Walker Exhaust India Pvt Ltd. of Gate No. 1386/97 Post : Sanaswadi Talegaon-Dhamdhere, Taluka Shirpur, Dist : Pune-412208 (India). "CATALYTIC CONVERTER USED FOR AUTOMOBILE INDUSTRY". 9th Feb. 2001.
Class 04	No. 184666. German Remedies Ltd. of Shivasagar Estate "A" Block, Dr Annie Besant Road, Worli, City of Mumbai-400018. "DISPENSER". 13th Feb. 2001.
Class 02-04	No. 185758, 185759. M/s. Ganesh Plastic Industries, of WZ-27/5, I hool Bagh, Rohtak Road, Delhi-110035, Indian. "FOOTWEAR". 7th June 2001.
Class 24-01	No. 186018. Space Multiproducts (P) Ltd. of 16, Ganesh Chandra Avenue, Calcutta-700013. "BLOOD PRESSURE CONTROLLER BRACELET". 13 th July 2001
Class 02-04	No. 186022. M/s M.R Industries of At-C 5, Site A, UPSIDC, Sikandra, Agra (U.P.) "SOLE OF FOOTWEAR". 13th July 2001.
Class 09-13	No. 186088 & 186091. I.T.C. Ltd. of Virginia House, 37, Chowringhee, Kolkata-700071, W. B. "DISPENSER". 19 th July 2001.
Class 02-04	No. 186147. Naresh Kumar Aggarwal, of 95-96 Shahzada Bagh, Extn. Old Rohtak Road, Delhi-110035. "FOOTWEAR" 26th July 2001.
Class 03	No. 184079. GOVIND RUBBER LIMITED, 318 "Creative", 72, N.M. Joshi Marg, Lower Parel, Mumbai -400011, Maharashtra, India. "CYCLE TYRE", 29 November 2000.
Class 03	No. 184080 RECKITT BENCKISER (INDIA) LIMITED., 41, Chowringhee Road, Calcutta -700071, W.B , India. "BOTTLE", 29 November 2000.

Class 01	No 184081 INTEL CORPORATION 2200 Mission College Blvd, Santa Clara, CA 95052, U S A, "COMPUTER/TV SET TOP BOX", 29 November 2000	"PIPE COUPLER FOR THE USE OF THE FLOWING FLUID IN THE IRRIGATION SYSTEM", 7 June 2001
Class 03	No 184083 PIAGGIO C S P A , Viale Rinaldo Piaggio, 25 56025 Pontedera (Pisa) Italy 'A TWO WHEELED VIHICLE' 30 November 2000	Class 04-02 No 186251 Mahesh Patel of 107, 108, 1st floor, Mahavir Industrial Estate, Opp Malad Industrial Unit Co-op Soc Ltd Ramchandra Lane Extn Kanchpada, Malad (W), Mumbai-400064 "TOOTHBRUSH" 8th August 2001
Class 01	No 184087 DR VINOD CHIRANJEEV MALSHF, I University Staff Quarters Udct Campus, Matunga, Mumbai 400019, Maharashtra, India 'STOVE', 1 December 2000	Class 19 No 186306 & 186307 Ayushi International, of Malad Ind Estate, C/ 18 F, 1st Floor, Kanchapada, Ramchandra Lane, Malad (West), Mumbai-400064 "PEN" 17th August 2001
Class 03	No 184088 SUNROOF PLASTICS Building No G 1, Silvassa Vapi Main Road, Survey No 221/1, Village Dadra, Silvassa, Union Territories of Dadra & Nagar Haveli, India "CHAIR FRAME", 1 December 2000	Class 26 No 186308 & 186309 Cielmac Pvt Ltd of 35A, Mahal Industrial Area, Mahakali Caves Road, Andheri (W), Mumbai-400093 "LIGHTING FIXTURES" 17th August 2001
Class 03	No 184610 GERMAN REMEDIES LIMITED, Shivasagar Estate, "A" Block, Dr Annie Besant Road, Woili, City of Mumbai 400018, Maharashtra, India 'DISPENSER FOR LIQUID MEDICINES', 12 February 2001	Class 03-01 No 186934 VIP Industries Ltd of 88-c, Old Prabhadevi Road, Mumbai-400025 "SUITCASE", 12th Oct 2001
Class 03	No 184777 MICRODRUG AG, Switzerland Landweg 1, horgiswil NW, Schweiz "INHALATOR" 23 February 2001	Class 04 No 184612 Golden Peacock overseas Ltd of 3E/2, Jhandewalan Extn New Delhi, India "LAMPHOLDER" 12th Feb 2001
Class 09-05	No 184907 COI GATE PALMOLIVE COMPANY 300 Park Avenue, New York, New York 10022 U S A 'TUCHEP', 2 March 2001	Class 01 No 184669 M/s Modern Door Devices (P) Ltd of V-17, Green Park Extn New Delhi 110016 "HINGE" 14th Feb 2001
Class 09-01	No 184997 HEMANT PACHAUREE, 13, Kunwar Colony, Khandala, Aga 282002 U P, India "KOOL KASE", 12 March 2001	Class 03 No 184619 Vinay Assoo Chedda of 83 T Tower Mamlatdar Lane, Malad (W), Mumbai 400064 "SWITCH" 12th Feb 2001
Class 13-03	No 185106 FEDERAL ELECTRIK YAFIRIM VE TICARET A S Modern Sanayi Sitesi 102, Sok No 1 Anapazarı/ Turkey CONTACTOR", 22 March 2001	Class 01 No 184680 M/s Sidvin Machineries Pvt Ltd of Site No 10, 3rd Stage, Industrial Suburb, Mysore 570008 "FOOD PROCESSING MACHINES" 15th Feb 2001
Class 07-03	No 185740 KUMAR METAL WORKS, SAHU SHREET, Muradabad-244001 (U P), India SPOON", 4 June 2001	Class 01 No 184701 Kanin (India) Pvt Ltd of Plot No 79, Sector-25, Faridabad-121004 'THREE HOLE PUNCH" 19th Feb 2001
Class 09-03	No 185755 M/S SUPARSHVA INDUSTRIES, 25/D Harishchandra, Mathura Nagar, Falna-306116 (Raj) CONTAINER FOR STORING ADHESIVES', 7 June 2001	Class 01 No 184765 The Jay Engineering Works Ltd of 23, Kasturba Gandhi Road, New Delhi 110001, India "PEDESTAL FAN" 22nd Feb 2001
Class 23-01	No 185757 EPC INDUSTRIE LIMITED, 201, Delta Hiranandani gardens, Powai, Mumbai 400076, Maharashtra, India	Class 03 No 184762 Piaggio & C S P A of Vial Rinaldo Piaggio, 25-56025, Pontedera (Pisa), Italy "TWO WHEELED VEHICLE" 22nd Feb 2001
		Class 03 No 185210 Tipco Industries Ltd c Dharampur Cross Road, Nationa

	Highway-8, Abrama, Valsad 396001, Gujarat, India "SUPPORT FRAMES USED IN MODULAR CONSTRUCTION UNITS". 30th March 2001.	(Italy). "FRONT LIGHT ASSEMBLY FOR MOTOR VEHICLES". 11th April 2001.
Class 03	No. 185211. Tipco Industries Ltd. of Dharampur Cross Road, National Highway-8, Abrama, Valsad 396001, Gujarat, State, India. "PLANAR PROFILES USED IN CONSTRUCTING MODULAR UNITS". 30th March 2001.	Class 03 No 185334. Techno Plastics, of 3, Madhuban Industrial Estate, off Mahakali Caves Road, Andheri (E), Mumbai-400093 "SWITCH". 18th April 2001.
Class 03	No 185270/185269. Nissan Plast of Survey No. 655/I/B, Near Somnath Co Op., Society, Somnath Road, Dabhel, Nanidaman, Damun-396310. "WATER JUG" 10th April 2001.	Class 13-03 No. 185491. Satish Nath Sharma of 10E Industrial Estate, Givindpura, Bhopal-462023, Madhya Pradesh "INSULATOR" 9th May 2001.
Class 03	No. 185275. Vikram Industries, GB-387, Mandiya Road, Pali-Marwar-306401, "CONTAINER". 11th April 2001.	Class 03-01 No. 186592 V.I.P. Industries Ltd. of Secretarial & Legal Dept. of DGP House, 88-C, Old Prabhadevi Road, Mumbai-400025. "HANDBAG". 14th Sept. 2001.
Class 03	No. 185288. Fiat Auto SPA of Corso Giovanni Agnelli 200, I-10135, Torino (Italy) "REAR VIEW MIRROR". 11th April 2001.	Class 03-01 No. 186816, 186817 & 186818. V.I.P. Industries Ltd. of Secretarial & Legal Dept. of DGP House, 88-C, Old Prabhadevi Road, Mumbai-400025. "HANDBAG". 3rd Oct. 2001.
Class 03	No. 185293/185294. Fiat Auto SPA, of Corso Giovanni Agnelli 200, I-10135, Torino (Italy). "HUB CAP FOR CAR WHEEL" 11th April 2001	Class 03-01 No. 186930 to 186933. V.I.P. Industries Ltd. of Secretarial & Legal Dept. of DGP House, 88-C, Old Prabhadevi Road, Mumbai-400025. "SUITCASE". 12th Oct. 2001.
Class 03	No. 185287 Fiat Auto SPA of Corso Giovanni Agnelli 200, I-10135, Torino	

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